



City of Detroit

Inspector's Daily Report

5/6/2021 10:41 AM

FieldBook 5.3a

Contract: **PW-7018**, City of Detroit Resurfacing 2020

IDR Date 5/5/2021	Day of Week Wednesday	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 LE Lenoris Elliott				Federal Project Number	Elec. Attachments None
Prime Contractor Fort Wayne Contracting / Ajax Paving Industries, a joint ven					
Entered By LE		Revised By		Revision Date	Revision No.
Temperatures ✓ Low: 38 ° F High: 55 ° F		Weather ✓ Mostly Cloudy			



Inspector's Daily Report

Comments

STREET LOCATION: SB JC LODGE SD Vassar to Wyoming

CONTRACTOR ONSITE:
Fort Wayne Contracting (FWC)

CONTRACTOR ACTIVITIES:
Fort Wayne Contracting: (Site Time 7:00AM to 3:30PM)

REMOVAL OF CURB:

Today activities consist of the removal of curb at various location along outside lane on SB Lodge SD. Hand tools were used to level subgrade, followed by forming areas with wooden formwork and stakes. Work was done at the following locations as general as the provisions of Section 204 of the 2012 MDOT Standard Specification for Construction:

North of Margareta Northwest Corner at 22.2 linear feet.
Radius-Florence Southwest Corner at 10.6 feet.
16151 JC Lodge - Pinehurst Southwest Corner at 99.0 linear feet.
Puritan Southwest Corner at 54.3 linear feet.
15905 JC Lodge at 30.5 linear feet.
15875 JC Lodge 12.0 linear feet.
15855 JC Lodge at 23.8 linear feet.
North of 15815 JC Lodge at 27.6 linear feet.
15813 JC Lodge at 26.0 linear feet.
15511 JC Lodge at 7.3 linear feet.
15511 JC Lodge at 18.3 linear feet.
TOTAL 331.6 linear feet.

CURB, CONC, DETAIL CD, MODIFIED:

SRM Concrete delivered a total of 14.0 cubic yards from Plant No. 1 (East Seven Mile Road) in Detroit, Michigan. Fort Wayne Contracting placed a total of 13.0 (Waste 1.0) cubic yards of the concrete mix design number P-NCO for the Curb Concrete Detail CD at above mentioned locations. The concrete was deposit directly into the placement areas by using concrete chutes. Hand tools were used to finish concrete surface.

MATERIAL TESTING:

Certified concrete technicians from Somat and CCT were onsite to perform QA/QC concrete field testing. The certified technicians informed the inspector that the concrete field test results have met the concrete mix design parameters as specified in the project contract/plans and specification.

POSTING ITEMS:

2047002 _Curb, Rem, Modified at 331.6 Feet.
6037001 _Curb, Conc, Detail CD, Modified at 331.6 feet.
Concrete Grade P1 at 13.0 cyd.
Curing Compound, White at 3.32 gals.

ATTACHMENTS:

Inspector Summary Report
Contractor - MDOT Structure Worksheet
Inspector Form_1174R
Concrete QA Correlation
QA Concrete Cylinder Test Report
QC Concrete Field Report

COVID 19 ONSITE TESTING:

Kobi Smith (WSP) performed a body temperature reading by using an infrared temperature gun on myself and reading at measured 96.9 Fahrenheit.



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DBE CONTRACTORS: N/A

UTILITIES: N/A

SITE SAFETY: N/A

SOIL EROSION CONTROL: No issues witnessed or reported to me.

TRAFFIC CONTROL: No issues witnessed or reported to me.

PROJECT VISITORS: N/A

MATERIALS: N/A

EXTRA and OVERRUNS: N/A

Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
_ Curb, Conc, Detail CD, Modified	_6037001	0360	PW-7018	0000	331.600	Ft	Outside lane on SB Lodge SD.		
Contractor: Fort Wayne Contracting / Ajax Paving Industries, a joint ven									
Concrete, Grade P1					13.00	Cyd			
Curing Compound, White					3.32	Gal			

Must list source of materials

_ Curb, Rem, Modified _2047002 0040 PW-7018 0000 331.600 Ft Outside lane on SB Lodge SD.
Contractor: Fort Wayne Contracting / Ajax Paving Industries, a joint ven

Reviewed By: Michael Teachout
Digitally signed by Michael Teachout
DN: cn=Michael Teachout, c=US, o=WSP Michigan Inc, email=Mike.Teachout@WSP.com
Date: 2021.06.01 08:02:16 -04'00'

(Signature)

(Date)

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

DATE: Wednesday, May 05, 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

SOUTHBOUND JC LODGE SERVICE DRIVE from VASSAR to WYOMING

Item Code 5010005 HMA Surface, Rem	
Surface Area (sft.)	0.00
Surface Area (syd.)	0.00
A1 (sft.)	0.00
A2 (sft.)	0.00
A3 (sft.)	0.00

Item Code 5010008 Pavt for Butt Joints, Rem	
Width (ft.)	0.00
Length (ft.)	0.00
SYD	0.00

Approaches Projected HMA 4E3	
HMA (lbs.)	0.00
HMA (tons)	0.00

Approaches Projected HMA 5E3	
HMA (lbs.)	0.00
HMA (tons)	0.00

Item Code 5017011 _Cold Milling HMA Surface, Modified				YES		NO	X
Item Code 5010051 HMA, 4E3				YES		NO	X
Item Code 5010057 HMA, 5E3				YES		NO	X
Main Street			Street Width (ft)	Street Length (ft)		Surface Mainline Area (syd)	
No.1	Start	N/A	N/A	0.00		0.00	
End	End	N/A					
MDOT MIXES			PROJECTED HMA (lbs)		PROJECTED HMA (tons)		
Mix 4E3 @ 2"		220	0.00		0.00		
Mix 5E3 @ 1.5"		165	0.00		0.00		
Bond Coat – Emulsified Asphalt			Product:	SS-1H	Gallons:	0.00	

Item Code _2040055 Sidewalk, Rem			Item
Code _8027011 _Sidewalk,Conc, 4", Mod.			Item
_8027012 _Sidewalk,Conc, 6", Mod.			Item
_8037010 _Sidewalk,Conc,Tree Roots 4"			Item
8037011 _Sidewalk,Conc,Tree Roots 6"			Item
	SYD's	SFT	
Rem.	0.00	0.00	
4 in.	0.00	0.00	
6 in.	0.00	0.00	
4"Root	0.00	0.00	
6"Root	0.00	0.00	

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		Item
		LFT
Removal (ft)		331.60
Curb, Conc, Detail CD (ft)		331.60
Ramp Opening Curb (ft)		0.00
2 ft Integral Rem. (ft)		0.00
2 ft Integral (ft)		0.00

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

DATE: 5/5/2021

REVIEWED BY:

DATE:

SIDEWALK & CURB REMOVAL & REPLACEMENT LOCATIONS

DATE: Wednesday, May 05, 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

John C Lodge from Hubbell to Keeler

Sidewalk										Curb Along Outside Lane					
Address	Length (ft)	Width (ft)	SYD	SFT	Comments	4"	4" root	6"	6" root	Address	Rem (ft)	Det. CD (ft)	Ramp (ft)	2 ft Integral Rem. (ft)	2 ft Integral (ft)
			0.00	0.00						North of Margareta NWC	22.20	22.20			
			0.00	0.00						Radius-Florence SWC	10.60	10.60			
			0.00	0.00						16151 - Pinehurst SWC	99.00	99.00			
			0.00	0.00						Puritan SW Corner	54.30	54.30			
			0.00	0.00						15905	30.50	30.50			
			0.00	0.00						15875	12.00	12.00			
			0.00	0.00						15855	23.80	23.80			
			0.00	0.00						North of 15815	27.60	27.60			
			0.00	0.00						15813	26.00	26.00			
			0.00	0.00						15511	7.30	7.30			
			0.00	0.00						15511	18.30	18.30			
			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			0.00	0.00						Total Quantities	331.60	331.60	0.00	0.00	0.00

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY: MT (WSP)

DATE: 05/05/21

DATE: 06/01/2021

PROJECT: PW7018

STREET:

MDOT STRUCTURE WORKSHEET

DATE: May 5 - 2021
INSPECTOR: Dwight, Elliott

S/B Lodge Srv. Drive Vassar to Keeler

Rt Lane
CURBS
only
LOCATIONSTYPE OF
STRUCTURE#11-Dr Structure
Cover, Type CB,
Modified#12-Dr Structure
Cover, Type PLD
HH, Modified#13-Dr
Structure
Cover, Type
PLD MH,
Modified#14-Dr
Structure
Cover, Type
Sewer MH,
Modified#15-Dr
Structure
Cover, Type
Water MH,
Modified#16-Dr
Structure
Cover, Type
Water Valve
Box, Modified#18-Dr
Structure
Cover, Adj,
Case 1,
Modified#20-
Reconstructin
g Dr
Structure,
Case 1,
Modified#88-
Monument
Box#90-Water
Shutoff, Adj,
Modified

BRICK

BLOCK

#4-Curb
Rem,
Modified#36-Curb,
Conc,
Detail CD,
Modified

1 N/S Margaretta

2 S/S Florence

3 S/S Pinchurst

4 S/S Puritan

5 N/S 15875

6 at 15875

7 200' N/Pilgrim

8 150' N/Pilgrim

9 15813

10 N/S 15511

11 at 15511

12

13

14

15

16

17

18

19

20

21

22

23

24

25

TOTAL

22.2 22.2

10.6 10.6

99.0 99.0

54.3 54.3

30.5 30.5

12.0 12.0

23.8 23.8

27.6 27.6

26.0 26.0

7.3 7.3

10.3 10.3

331.6 331.6

331.6

INSPECTOR'S REPORT OF CONCRETE PLACED - Roadway

DISTRIBUTION: ORIGINAL – Construction Project Engineer Files COPY - CFS

CONTRACTOR Ajax Paving Industries		GENERAL NAME OF PROJECT City of Detroit Resurfacing 2020	
SUBCONTRACTOR Fort Wayne Contracting		CONTROL SECTION ID – JOB NUMBER PW-7018	
CONCRETE SUPPLIER SRM Concrete, Plant No.1 (JMF_P-NCO)		ROUTE SB JC Lodge SD from Vassar to Wyoming	
MAXIMUM TIME 90 Minutes		STRUCTURE NUMBER N/A	
WEATHER Cloudy 41 A.M. Cloudy 56 P.M.		REPORT NUMBER	DATE 5/05/2021

MAX. WATER ADDED PER CYD N/A GALLONS	REASON:
BEAMS/CYLINDERS MADE (Sta, Time, #, etc.) N/A	
CURING COMPND. USED GALLONS 3.32	

Intended Air 5.5% to 8.5%		TEMPERATURES – AIR – SLUMP		Intended Slump 0.0" to 3.0"	
TIME	ATMOSPHERE	CONCRETE	*AIR CONTENT %	SLUMP	CYLINDERS/ BEAMS
11:00AM	45	71	5.8	4.0	2/0 QA
11:00AM	46	71	6.1	4.0	4/0 QC

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

COMMENTS

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 %
6037001	Location 1 to 4	PNC	143.6 ft	Vary	Vary	N/A	N/A	6.0cy	0.0	N/A
6037001	Margareta to Address 15511	PNC	331.6 ft	Vary	Vary	N/A	N/A	13.0cy	1.0	N/A

REMARKS OR COMPUTATIONS (Use back if necessary) Concrete field tests represent SB Lodge SD at 22.0 FT., 10.6 FT., 99.0 FT., 12.0 FT. (Total 143.6 feet).

Curbs Placement - On Southbound Service Drive along outside lane. Refer to attached Field Measurement Report for specific locations.

14.0 cyd delivered / 13.0 cyd used

MIX OR STREET TECHNICIAN Lenoris Elliott (Somat)	DATE 5-05-2021
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Somat Engineering, Inc.

26445 Northline Rd, Taylor, MI 48180

Tel: 734-946-4966 Fax: 734-946-1147

LAP 12SP-604A-09

REPORT NUMBER: 601 SHEET: 1 OF 1

CONCRETE QA CORRELATION

DATE: 5/5/2021

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: Lenoris

CONTRACTOR: Fort Wayne

QC COMPANY: CCT

QC TESTER: Ray

CONCRETE INFORMATION

CONCRETE COMPANY:	SRM	TRUCK NUMBER:	2438
MIX DESIGN #:	P-NC0	PLANT LOCATION (CITY):	Detroit
CONCRETE GRADE:	P-NC0	TOTAL QUANTITY (CYDS):	6
PWL/NON-PWL:	NON-PWL	QUANTITY AT SAMPLE (CYDS):	1

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

Curbs Starting at Southbound John C Lodge service drive and Margareta St.

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	11:00am			
AIR CONTENT (%):	6.10	5.80	+/- 0.8 PERCENT	YES
CONCRETE TEMP. (°F):	71	71	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	45	45		

REMARKS:

FIELD REPRESENTATIVE:	Robert Clark	DATE:	5/5/2021
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	05/05/2021
Project Name	PW-7018 HMA Mill & Resurfacing 2020	Specimen Type	Concrete Cylinder
Project Number	2020073E	Contractor	Fort Wayne Contracting
Project Location	Detroit, MI	Concrete Supplier	SRM Concrete
MDOT Job Number		Field Tested By	Robert Clark
MDOT Control Section		Date Issued	05/05/2021

Results Recorded In	English Units
Supplier Mix Description	MDOT P-NC W/MR WO/NCA

DESIGN PARAMETER

Mix Design Number	0769 P-NC0M				
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	6.00	+/- yds ³ /ft ³ of concrete at the following location:	Curbs starting at Southbound John C Lodge service drive and Margareta St.
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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)
11:00 AM	2438	4.00	5.80	0.0	45	71	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	83231						28	06/02/2021		
1	83232						28	06/02/2021		

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

CONCRETE FIELD QA/QC INSPECTION REPORT

[illegible]

General Location: *Curb*

[illegible]

Total Volume:

Comments:

Client:

Date:

CCT No.:

Page:

Construction Consulting & Testing, Inc. P. O. Box 287 Waterville, Ohio 43566
Ph: 419-878-7304 Fax: 419-878-7305