



City of Detroit

Inspector's Daily Report

5/8/2021 11:10 AM

FieldBook 5.3a

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

IDR Date 5/7/2021	Day of Week Friday	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: 59 ° F		Weather ✓ Partly Sunny			



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 6:30AM to 3:30PM)

STRUCTURE COVER ADJUSTMENT, RECONSTRUCTING STRUCTURE, AND WATER SHUTOFF ADJUSTMENT:
Today activities consist of adjusting utility structure covers along inside lane on SB JC Lodge SD from Sorrento to Wyoming. The utility structure cover adjustments include Public Lighting Department (PLD) manholes or hand holes, Detroit Water Sewage Department (DWSD) gate wells, water shutoff boxes or stop boxes, sewer manholes and catch basins whose covers are required to be raised or lowered to meet the required new pavement elevations. The existing frame and cover were carefully removed and upper portion of the existing utility structure was repaired as necessary to raise as required. The frame and cover were reset on full mortar bed to fit new pavement grade and cross section. Work was as done as general as the provisions of Section 403 and Section 823 of the 2012 MDOT Standard Specification for Construction. Refer to attached Drainage Structure Cover Report for specific types and locations.

POSTING ITEMS:

4037050 _Dr Structure Cover, Adj, Case 1, Modified at (Total 41)
4037050 _Dr Structure Cover, Type CB, Modified, Adj at (Total 5)
4037050 _Dr Structure Cover, Type PLD-HH, Modified, Adj at (Total 19)
4037050 _Dr Structure Cover, Type PLD-MH, Modified, Adj at (Total 15)
4037050 _Dr Structure Cover, Type Sewer MH, Modified, Adj at (Total 1)
4037050 _Dr Structure Cover, Type Water MH, Modified, Adj at (Total 1)

REMOVAL OF CURB:

The removal of curb at varies location along SB Lodge SD inside lane. Hand tools were used to level subgrade. Work was done at the following locations as general as the provisions of Section 204 of the 2012 MDOT Standard Specification for Construction:

Wyoming Off Ramp at 11.3 linear feet.
2047002 _Curb, Rem, Modified at 11.3 linear feet.

CURB, CONC, DETAIL CD, MODIFIED:

Fort Wayne Contracting placed concrete mix design number P-NCOM for the Curb Concrete Detail CD location. The concrete was deposit directly into the placement areas by using concrete chutes. Hand tools were used to finish concrete surface.

Wyoming Off Ramp at 11.3 linear feet.
6037001 _Curb, Conc, Detail CD, Modified at 11.3 linear feet.

CONCRETE PLACEMENT:

SRM Concrete delivered a total of 24.0 cubic yards from Plant No. 1 (East Seven Mile Road) in Detroit, Michigan. Fort Wayne Contracting placed a total of 23.0 (1.0 cyd., of Waste) cubic yards of air entrained concrete mix design number P-NCOM 3500 PSI with BASF- Master Air (AE 200-OAE-PR) and Premiere water reducer (OptiFlo MR-0MRLI-PR) for the Drainage Structure Cover Adjustment and 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. White curing compound was applied by spray wand on the work of Curb Concrete Detail CD.

4037050 _Dr Structure Cover, Adj
Concrete Grade P-NC at 22.55 cyd.
6037001 _Curb, Conc, Detail CD, Modified
Concrete Grade P-NC at 0.45 cyd.
Curing Compound, White at 0.11 gals.



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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.

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.

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	11.300	Ft	Wyoming Off Ramp		
Contractor: Fort Wayne Contracting / Ajax Paving Industries, a joint ven									
Concrete, Grade P1							0.45 Cyd		
Curing Compound, White							0.11 Gal		
_ Curb, Rem, Modified	_2047002	0040	PW-7018	0000	11.300	Ft	Wyoming Off Ramp		
Contractor: Fort Wayne Contracting / Ajax Paving Industries, a joint ven									
_ Dr Structure Cover, Adj, Case 1, 4037050	0930	PW-7018	0000	41.000	Ea		Inside lane from Sorrento to Wyoming.		
Modifie d, Adj Contractor: Fort Wayne Contracting, Inc.									
Block, Concrete							32.00 Ea		
Brick, Concrete							800.00 Ea		
Concrete, Type P-NC							22.55 Cyd		
Mortar, Standard							0.00 Cyd		
Material Remarks: Amount Unknown.									



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Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
_ Dr Structure Cover, Type CB, Modified, A dj	4037050	0940	PW-7018	0000	5.000	Ea	Inside lane from Sorrento to Wyoming.		
Contractor: Fort Wayne Contr									
Structure Cover, Type CB							5.00 Ea		
Must list source of materials									
_ Dr Structure Cover, Type PLD HH, Modifie d, Adj	4037050	0945	PW-7018	0000	19.000	Ea	Inside lane from Sorrento to Wyoming.		
Contractor: Fort Wayne Contracting, Inc.									
Structure Cover, HH, Type PLD							19.00 Ea		
Must list source of materials									
_ Dr Structure Cover, Type PLD MH, Modifie d, Adj	4037050	0950	PW-7018	0000	15.000	Ea	Inside lane from Sorrento to Wyoming.		
Contractor: Fort Wayne Contracting, Inc.									
Structure Cover, MH, Type PLD							15.00 Ea		
Must list source of materials									
_ Dr Structure Cover, Type Sewer MH, Modif ied, Adj	4037050	0955	PW-7018	0000	1.000	Ea	Inside lane from Sorrento to Wyoming.		
Contractor: Fort Wayne Contracting, Inc.									
Structure Cover, MH, Type Sewer							1.00 Ea		
Must list source of materials									
_ Dr Structure Cover, Type Water MH, Modif ied, Adj	4037050	0965	PW-7018	0000	1.000	Ea	Inside lane from Sorrento to Wyoming.		
Contractor: Fort Wayne Contracting, Inc.									
Structure Cover, MH, Type Water							1.00 Ea		
Must list source of materials									

Reviewed By: Michael Teachout

Digitally signed by Michael Teachout
 DN: cn=Michael Teachout, c=US,
 o=WSP, email=Mike.Teachout@WSP.com
 Date: 2021.06.01 08:47:12 -04'00'

(Date)

Need to list contractor
 and their workforce/
 equipment

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

DATE: Friday, May 07, 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 2

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 End	Start End	N/A N/A	N/A	0.00		0.00	
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
Code _8027012 _Sidewalk,Conc, 6", Mod.			Item
Code _8037010 _Sidewalk,Conc,Tree Roots 4"			Item
Code _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)		11.30
Curb, Conc, Detail CD (ft)		11.30
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: 5/7/2021

REVIEWED BY:

DATE:

_DR STRUCTURE COVER, MODIFIED, ADJ, ITEM CODE 4037050

DATE: Friday, May 07, 2021	OWNER: City of Detroit
JOB NUMBER: PW-7018	CONTRACTOR: Ajax Paving Industries
PROJECT NAME: PW-7018 City of Deroit Resurfacing 2020	PROJECT ENGINEER: Jim Petronski
LOCATION: Detroit, MI	SHEETS: 2 OF 2

SOUTHBOUND JC LODGE SERVICE DRIVE from VASSAR to WYOMING

TYPE		Total Units
1	Case 1, Ea.	41
2	Case 2, Ea.	0
3	Catch Basin (CB), Ea.	5
4	PLD Hand Hole (HH), Ea.	19
5	PLD Manhole (MH), Ea.	15
6	Sewer Manhole (MH), Ea.	1
7	Water Manhole (MH), Ea.	1
8	Water Value Box, Ea.	0
9	Type J, Ea.	0
10	Type K, Ea.	0
11	Reconstructing Case 1	0
12	Reconstructing Case 2	0

TYPE	Total Units
Block Concrete, Ea.	32
Brick Concrete, Ea.	800
Concrete, Grade P1, Cyd.	0.00
Concrete, Grade S2, Cyd.	0.00
Concrete, Type P-NC, Cyd.	22.55
Curing Compound, Clear, Gals.	0.00
Mortar, Standard, Cyd.	0.00

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY: _____

DATE: 5/7/2021

DATE: _____

SIDEWALK & CURB REMOVAL & REPLACEMENT LOCATIONS

DATE: Friday, May 07, 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					
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						Wyoming Off Ramp	11.30	11.30			
			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											
			0.00	0.00											
			0.00	0.00											
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			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			0.00	0.00						Total Quantities	11.30	11.30	0.00	0.00	0.00

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

DATE: 05/07/21

REVIEWED BY: _____

DATE: _____

_DR STRUCTURE COVER, MODIFIED, ADJ, ITEM CODE 4037050

DATE: Friday, May 07, 2021 JOB NUMBER: PW-7018 PROJECT NAME: PW-7018 City of Detroit Resurfacing 2020 LOCATION: Detroit, MI	OWNER: City of Detroit CONTRACTOR: Ajax Paving Industries PROJECT ENGINEER: Jim Petronski SHEETS: 1 OF 3
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SOUTHBOUND JC LODGE SERVICE DRIVE from VASSAR to WYOMING

LOCATION		Adj, Case 1	Adj, Case 2	Type CB	Type PLD HH	Type PLD MH	Type Sewer MH	Type Water MH	Type Water Valve Box	Need to show math for this calc				Block Concr. EA.	Brick Concr. EA.	Concr. Grade P1 Cyd.	Concr. Grade S2 Cyd.	Concr. Type P-NC Cyd.	Curing Comp. Clear Gal. Ea.	Mortar Std. Cyd./Ea.
										Type J	Type K	Case 1	Case 2							
1	Sorrento	1					1							7	20			0.55		
2	Sorrento	1				1								0	0			0.55		
3	17141 JC Lodge	1			1										20			0.55		
4	North side McNichols	1			1									0	0			0.55		
5	North side McNichols	1				1									34			0.55		
6	South side McNichols	1			1										20			0.55		
7	200 ft. south of McNichols	1				1									10			0.55		
8	300 ft. south of McNichols	1			1										20			0.55		
9	Between Steel & Appoline	1			1										22			0.55		
10	South side Appoline	1			1										22			0.55		
11	South side Meyers	1			1										20			0.55		
12	150 ft. south of Meyers	1				1									34			0.55		
13	250 ft. south of Meyers	1			1										20			0.55		
14	350 ft. south of Meyers	1				1									34			0.55		
15	North side Manor	1			1										24			0.55		
Total Quantities		15	0	0	9	5	1	0	0	0	0	0	0	7	300	0.00	0.00	8.25	0.00	0.00

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY: _____

DATE: 05/07/21

DATE: _____

_DR STRUCTURE COVER, MODIFIED, ADJ, ITEM CODE 4037050

DATE: Friday, May 07, 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: 2 OF 3

SOUTHBOUND JC LODGE SERVICE DRIVE from VASSAR to WYOMING

LOCATION	Adj, Case 1	Adj, Case 2	Type CB	Type PLD HH	Type PLD MH	Type Sewer MH	Type Water MH	Type Water Valve Box	Type J	Type K	Recon Case 1	Recon Case 2	Block Concr. EA.	Brick Concr. EA.	Concr. Grade P1 Cyd.	Concr. Grade S2 Cyd.	Concr. Type P-NC Cyd.	Curing Comp. Clear Gal. Ea.	Mortar Std. Cyd./Ea.
16 100 ft. south Manor	1				1								0	0			0.55		
17 South side Florence	1			1										22			0.55		
18 Monte Vista	1				1									34			0.55		
19 150 ft. S. of Monte Vista	1			1										22			0.55		
20 400 ft. S. of Monte Vista	1				1									34			0.55		
21 North side Pinehurst	1			1										20			0.55		
22 Pinehurst	1				1								0	0			0.55		
23 South side Pinehurst	1			1										22			0.55		
24 70 ft. north of Puritan	1			1									0	0			0.55		
25 80 ft. south of Puritan	1			1										20			0.55		
26 200 ft. south of Puritan	1			1									7	20			0.55		
27 South side 15875 JC Lodge	1				1									34			0.55		
28 150 ft. north of Pilgrim	1			1										20			0.55		
29 North side Pilgrim	1			1									7				0.55		
30 South side Pilgrim	1				1									34			0.55		
Total Quantities	15	0	0	9	6	0	0	0	0	0	0	0	14	282	0.00	0.00	8.25	0.00	0.00

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

DATE: 05/07/21

REVIEWED BY: _____

DATE: _____

_DR STRUCTURE COVER, MODIFIED, ADJ, ITEM CODE 4037050

DATE: JOB NUMBER: PW-7018 PROJECT NAME: PW-7018 City of Detroit Resurfacing 2020 LOCATION: Detroit, MI	OWNER: City of Detroit CONTRACTOR: Ajax Paving Industries PROJECT ENGINEER: Jim Petronski SHEETS: 3 OF 3
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SOUTHBOUND JC LODGE SERVICE DRIVE from VASSAR to WYOMING

LOCATION		Adj, Case 1	Adj, Case 2	Type CB	Type PLD HH	Type PLD MH	Type Sewer MH	Type Water MH	Type Water Valve Box	Type J	Type K	Recon Case 1	Recon Case 2	Block Concr. EA.	Brick Concr. EA.	Concr. Grade P1 Cyd.	Concr. Grade S2 Cyd.	Concr. Type P-NC Cyd.	Curing Comp. Clear Gal. Ea.	Mortar Std. Cyd./Ea.
31	15755 JC Lodge	1				1									34			0.55		
32	North side Griggs	1				1								0	0			0.55		
33	Midland	1		1										7				0.55		
34	N/S Wyoming Off Ramp	1		1											18			0.55		
35	Wyoming Off Ramp	1		1										4	20			0.55		
36	50 ft. S. Wyoming Off Ramp	1		1											16			0.55		
37	Across of Keeler	1				1									34			0.55		
38	South side Keeler	1				1									34			0.55		
39	100 ft. north of Wyoming	1			1										22			0.55		
40	100 ft. north of Wyoming	1						1							20			0.55		
41	100 ft. north of Wyoming	1		1											20			0.55		
42																				
43																				
44																				
45																				
Total Quantities		11	0	5	1	4	0	1	0	0	0	0	0	11	218	0.00	0.00	6.05	0.00	0.00

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY: _____

DATE: 01/00/00

DATE: _____

S/B Lodge Srvc Dr. : Vassar to Keeler

DATE:

5-6-21

INSPECTOR:

Dwight + Elliot

Left Lane	TYPE 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-Reconstructing 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 Sorrento	SW				1			1					20	7		
2 "	MH			1				1					—	—		
3 17141	HH		1					1					20	—		
4 N/S McNichols	HH		1					1					—	—		
5 "	MH			1				1					34	—		
6 S/S McNichols	HH		1					1					20	—		
7 200' S/ McNichols	MH			1				1					10	—		
8 300' S/ McNichols	HH		1					1					20	—		
9 Schgal	HH		1					1					22	—		
10 S/S Appoline	HH		1					1					22	—		
11 S/S Meyers	HH		1					1					20	—		
12 150' S/ Meyers	HH			1				1					34	—		
13 250' S/ Meyers	HH		1					1					20	—		
14 350' S/ Meyers	MH			1				1					34	—		
15 N/S Manor	HH		1					1					24	—		
16 100' S/ Manor	MH			1				1					—	—		
17 S/S Florence	HH		1					1					22	—		
18 Montevista	MH			1				1					34	—		
19 150' S/ Montevista	HH		1					1					22	—		
20 400' S/ "	MH			1				1					34	—		
21 N/S Pinchurst	HH		1					1					20	—		
22 at Pinchurst	MH			1				1					—	—		
23 S/S Pinchurst	HH		1					1					22	—		
24 70' N/ Puritan	HH		1					1					—	—		
25 80' S/ Puritan	HH		1					1					20	—		
TOTAL			15	9	1			25					474	7		

PROJECT: PW7018

MDOT STRUCTURE WORKSHEET

Page 2 of 2

5-7-21

DATE:

INSPECTOR: Dwight & Elliot

STREET: S/B Lodge Frwy Srv. Dr. Vassar to Keeler

Left Lane Cont'd LOCATIONS	TYPE 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
1 200' S/Puritan	HH		1					1				20	7		
2 S/S 15875	MH			1				1				34	-		
3 150' N/Pilgrim	HH		1					1				20	-		
4 N/S Pilgrim	HH		1					1				-	7		
5 S/S Pilgrim	MH			1				1				34	-		
6 15755	MH			1				1				34	-		
7 N/S Griggs	MH			1				1				-	-		
8 Midland	CB	1						1				-	7		
9 N/S off ramp	CB	1						1				18	-		
10 at off ramp	CB	1						1				20	4	11.3'	11.3'
11 50' S/off ramp	CB	1						1				16	-		
12 across Keeler	MH			1				1				34	-		
13 S/S Keeler	MH			1				1				34	-		
14 100' N/Wyoming	HH		1					1				22	-		
15 "	WG					1		1				20	-		
16 "	CB	1						1				20	-		
17															
18															
19															
20															
21															
22															
23															
24															
25															
TOTAL		5	4	6		1		16				326	25	11.3'	11.3'

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-NCOM)		ROUTE SB JC Lodge SD from Vassar to Wyoming	
MAXIMUM TIME 90 Minutes		STRUCTURE NUMBER N/A	
WEATHER Mostly Sunny 38 A.M. Mostly Sunny 59 P.M.		REPORT NUMBER	DATE 5/07/2021

MAX. WATER ADDED PER CYD N/A GALLONS	REASON:
BEAMS/CYLINDERS MADE (Sta, Time, #, etc.) N/A	
CURING COMPND. USED GALLONS 0.11	

Intended Air 5.5% to 8.5%			TEMPERATURES – AIR – SLUMP			Intended Slump 0.0" to 6.0"					
TIME	ATMOSPHERE	CONCRETE	*AIR CONTENT %	SLUMP	CYLINDERS/ BEAMS	TIME	ATMOSPHERE	CONCRETE	*AIR CONTENTS %	SLUMP	CYLINDERS/ BEAMS
11:00AM	52	67	7.6	3.5	2/0 QA						
11:00AM	52	66	7.0	3.5	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 %
4037050	Structure Location 1 to 11	PNC	Vary	Vary	Vary	N/A	N/A	6.0	0.0	N/A
4037050	Structure Location 1 to 41	PNC	Vary	Vary	Vary	N/A	N/A	22.55	1.0	N/A
6037001	One Location (Curb)	PNC	11.3	Vary	Vary	N/A	N/A	0.45	0.0	N/A

REMARKS OR COMPUTATIONS Concrete field tests represent Structure Location No.1 to No.11.
(Use back if necessary)

Refer to attached Field Measurement Report for specific locations.

24.0 cyd delivered / 23.0 cyd used

MIX OR STREET TECHNICIAN Lenoris Elliott (Somat)	DATE 5-07-2021
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Somat Engineering, Inc.

26445 Northline Rd, Taylor, MI 48180

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LAP 12SP-604A-09

REPORT NUMBER: 601 SHEET: 1 OF 1

CONCRETE QA CORRELATION

DATE: 5/7/2021

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: Dwight Harris (WSP)

CONTRACTOR: Westside

QC COMPANY: CCT

QC TESTER: James

CONCRETE INFORMATION

CONCRETE COMPANY:	SRM	TRUCK NUMBER:	439
MIX DESIGN #:	P-NCOM	PLANT LOCATION (CITY):	Detroit
CONCRETE GRADE:	PNC	TOTAL QUANTITY (CYDS):	18
PWL/NON-PWL:	NON-PWL	QUANTITY AT SAMPLE (CYDS):	1

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

Structure adjustments on SB M-10 Service Drive North of McNichols.

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	11:00 A.M.			
AIR CONTENT (%):	7.00	7.60	+/- 0.8 PERCENT	YES
CONCRETE TEMP. (°F):	67	67	+/- 2.0 DEGREES	YES
AIR TEMP. (°F):	52	52		

REMARKS:

Cylinders were made

FIELD REPRESENTATIVE: J. Callahan

DATE: 5/7/2021

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	05/07/2021
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	Joe Callahan
MDOT Control Section		Date Issued	05/07/2021

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 18.00 +/- yds³/ft³ of concrete at the following location: Structure adjustments along SB M-10 Service Drive North of McNichols

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	439	3.50	7.60	0.0	52	67	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	83279						28	06/04/2021		
1	83280						28	06/04/2021		

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:	Joe Callahan

CONCRETE FIELD QA/QC INSPECTION REPORT

Project: <u>PL 107013</u>		Mix Type: <u>1. NC</u>		Theo. Unit Weight: <u>140</u>		Air Spec.: <u>50-55%</u>	
Contractor: <u>FWC</u>		Mix ID: <u>P-1101</u>		Theo. Yield: <u>140</u>		Slump Spec.: <u>16"</u>	
Consultant: <u>CCI</u>		Lot No.: <u>1</u>		Supplier: <u>SRM</u>		Temp. Spec.: <u>90-95°F</u>	
Tester: <u>Talman R</u>		Sublot No.: <u>1</u>		Plant: <u>Detroit</u>		Time Spec.: <u>9am, 11am</u>	
Signature: <u>[Signature]</u>		Date: <u>5-7-2021</u>					

Test No.	Ticket No.	Yds./Cum.	No. of Cylinders	Batch Time	Empty Time	Air Content	Slump	Concrete Temp	Air Temp.	Unit Weight	Yield
<u>CCI</u>	<u>317070</u>	<u>614</u>	<u>4</u>	<u>10:25pm</u>	<u>12:00pm</u>	<u>7.0%</u>	<u>3 1/2"</u>	<u>66°</u>	<u>52°</u>	<u>-</u>	<u>-</u>

General Location:

Test No.	Cylinder ID	Location:
<u>CCI</u>	<u>-</u>	<u>SB Lodge service drive @ Southside structure</u>

Total Volume: <u>6145</u>	Client: <u>FWC</u>
Comments: _____	Date: <u>5-7-2021</u>
_____	CCT No.: _____
_____	Page: _____