



City of Detroit

Inspector's Daily Report

5/11/2021 6:49 PM

FieldBook 5.3a

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

IDR Date 5/11/2021	Day of Week Tuesday	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: 40 ° F High: 54 ° F		Weather ✓ Partly Sunny			



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Comments

STREET LOCATION: SB JC LODGE SD Vassar to Wyoming

CONTRACTOR ONSITE:

Ajax Paving Industries – Foreman Jason Tapani
Progressive Sweeping

CONTRACTOR ACTIVITIES:

Ajax Paving Industries: (Site Time 6:00AM to 5:00PM)
Progressive Sweeping: (Site Time 6:00AM to 5:00PM)

The contractor's continued the construction activities by power sweeping roadway and applying a total of 1,119.0 gallons of the Bond Coat – Emulsified Asphalt Product SS-1H on the MDOT 4E3 surface. The application was applied by jet spray. Ajax delivered a total 35 loads at 1,770.73 tons of MDOT 5E3. The contractor placed 1,750.73 tons (20.0 tons of Waste) of HMA MDOT 5E3 mix from the Ajax Paving Industries Plant No. 7 (Sherwood) in Warren, Michigan. A Caterpillar Paver AP1055F was utilized to place the HMA in a loose layer ranging from 2.00 to 2.25 inches in thickness for mainline from south of Santa Maria to Wyoming.

Mainline Mix 5E3 Locations:

Outside Lane from south of Santa Maria to Meyers north side.
Outside Lane from Meyers south side to Puritan north side.
Outside Lane from Puritan south side to Wyoming.
Inside Lane from Wyoming Off Ramp to Wyoming.
Inside Lane from south of Santa Maria to Meyers north side.
Inside Lane from Meyers south side to Meyers On Ramp.
Center Lane from Meyers south side to Meyers On Ramp.
Inside Lane from Meyers On Ramp to Puritan north side.
Inside Lane from Puritan south side to Wyoming Off Ramp.
Center Lane from Wyoming Off Ramp to Wyoming.

Prior to paving the inside lane, the contractor shutdown the entrance to Wyoming Off Ramp at 9:00AM and Meyers On Ramp at 11:30AM. Traffic Control was in accordance as general as the project Traffic Control specifications. Once activities were complete, the ramp entrances were reopened.

During paving operation's, contractor checked the drainage flow by utilizing a 4-foot-long hand level. Random depth checks were performed and HMA temperatures were recorded on each truckload ticket. Yields were measure, calculated and recorded from random truckloads. To achieve the project density requirements, the compaction operation was performed by using a series of steel drum tandem vibratory rollers. Ajax was instructed not to vibrate the HMA inside lane during compaction operation. Refer to the attached Inspector Summary Report and the HMA Yield Calculation Form for related data and other specific information.

POSTING ITEMS:

Item Code _5010057 HMA, 5E3 at 1,750.73 tons.
Item Code _5010057 Bond Coat at 1,119.0 gallons.

TEMPORARY STRIPING:

A total of 178 temporary white marking tape (4.0 inch by 4.0 feet) were placed for three (3) driving lanes with a total of 712.0 linear feet.

POSTING ITEMS:

Item Code _8120245 PavtMrkg, Tape, Wh, Temp. at 712.0 feet.

MATERIAL TESTING:

Certified HMA technicians from Ajax Paving Industries and Somat were onsite to perform QC/QA HMA sampling and



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in-place density testing. Somat obtained HMA samples designated from the AM & PM and were submitted to Somat laboratory for testing. The certified technicians informed the inspector that the HMA field test results have met the JMF design in-place density requirements as specified in the project contract/plans and specification.

TRAFFIC CONTROL:

Traffic was maintained throughout the project during the time of construction in accordance with 2012 MDOT Standard Specification 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 installation of all traffic control devices and signing.

ATTACHMENTS:

Inspector Summary Report

COVID 19 ONSITE TESTING:

Forehead temperature was performed on myself by using an infrared temperature gun. My reading measured at 96.4 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.

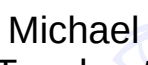
PROJECT VISITORS: N/A

MATERIALS: N/A

EXTRA and OVERRUNS: N/A

Need to list
contractors workforce

Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
HMA, 5E3 Contractor: Ajax Paving Industries, Inc.	_5010057	0270	PW-7018	0000	1,750.730	Ton	SB Lodge SD, mainline from south of Santa Maria to Wyoming.		
Bond Coat, Emulsified Asphalt SS-1H					1,119.00	Gal			
HMA, 5E3					1,750.73	Ton			
PavtMrkg,WtRef,Type R, Tape,4 in,Wh,Temp Contractor: Fort Wayne Contracting / Ajax Paving Industries, a joint ven	_8120245	0770	PW-7018	0000	712.000	Ft	SB Lodge SD, mainline from south of Santa Maria to Wyoming.		
Pavt Mrkg, Type R, Tape, White					712.00	Ft			
 Digitally signed by Michael Teachout DN: cn=Michael Teachout, c=US, o=WSP Michigan Inc, email=Mike.Teachout@WSP.com Date: 2021.06.02 07:37:54 -0400 Reviewed By: <u>Teachout</u>									
						(Signature)	(Date)		

Must list source of
materials

Must list source of
materials

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

DATE: Tuesday, May 11, 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	X	NO	
Main Street		John C Lodge	Street Width (ft)	Street Length (ft)	Surface Mainline Area (syd)	
No.1 End	Start End	South of Santa Maria Wyoming	N/A	6,110.00	21,122.39	
MDOT MIXES			PROJECTED HMA (lbs)		PROJECTED HMA (tons)	
Mix 4E3 @ 2"		220	0.00		0.00	
Mix 5E3 @ 1.5"		165	3,485,194.17		1,742.60	
Bond Coat – Emulsified Asphalt			Product:	SS-1H	Gallons:	1,119.00

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"
	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
	LFT				
Removal (ft)		0.00			
Curb, Conc, Detail CD (ft)		0.00			
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: 5/11/2021

REVIEWED BY:

DATE:

Cold Milling HMA Surface, Modified & Projected HMA Quantities

DATE: Tuesday, May 11, 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

Main Street		SB John C Lodge SD	Street Width (ft)	Street Length (ft)	Mainline HMA Area (syd)	Mix 4E3 @ 2 inches	Mix 5E3 @ 1.5 inches	PROJECTED HMA (lbs)	PROJECTED 4E3 HMA (tons)	PROJECTED HMA (lbs)	PROJECTED 5E3 HMA (tons)	Date of Completion
No. 1 LE	Start End	45ft. S. of Ward SS. 424.0 ft. to 529.0 ft.	15.00	105.00	175.00✓		165	0.00	0.00	28,875.00✓	14.44	5/11/2021
No. 2 LE	Start End	529.0 ft. south McNichols North Side	30.00	448.00	1,493.33✓		165	0.00	0.00	246,400.00✓	123.20	5/11/2021
No. 3 LE	Start End	McNichols North Side McNichols South Side	28.00	78.00	242.67✓		165	0.00	0.00	40,040.00✓	20.02	5/11/2021
No. 4 LE	Start End	McNichols South Side Meyers North Side	30.00	1,071.00	3,570.00✓		165	0.00	0.00	589,050.00✓	294.53	5/11/2021
No. 5 LE	Start End	Meyers South Side 203 ft. south	42.50	203.00	958.61✓		165	0.00	0.00	158,170.83✓	79.09	5/11/2021
No. 6 LE	Start End	203 ft. south Puritan North Side	30.00	1,693.00	5,643.33✓		165	0.00	0.00	931,150.00✓	465.58	5/11/2021
No. 7 LE	Start End	Puritan South Side 28 ft. south	35.00	28.00	108.89✓		165	0.00	0.00	17,966.67✓	8.98	5/11/2021
No. 8 LE	Start End	28 ft. south 1997 ft. S. (Off Ramp)	30.00	1,932.00	6,440.00✓		165	0.00	0.00	1,062,600.00✓	531.30	5/11/2021
No. 9 LE	Start End	1997 ft. S. (Off Ramp) 2064 ft. south	45.00	67.00	335.00✓		165	0.00	0.00	55,275.00✓	27.64	5/11/2021
Today Total Quantities				5,625.00	18,966.83✓			0.00	0.00	3,129,527.50	1,564.76✓	

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY: MT (WSP)

DATE: 05/11/21

DATE: 06/02/2021

Cold Milling HMA Surface, Modified & Projected HMA Quantities

DATE: Tuesday, May 11, 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 2

Main Street	SB John C Lodge SD	Street Width (ft)	Street Length (ft)	Mainline HMA Area (syd)	Mix 4E3 @ 2 inches	Mix 5E3 @ 1.5 inches	PROJECTED HMA (lbs)	PROJECTED 4E3 HMA (tons)	PROJECTED HMA (lbs)	PROJECTED 5E3 HMA (tons)	Date of Completion
No. 10 LE	Start End	2064 ft. south Wyoming west side	40.00	485.00	2,155.56 ✓	165	0.00	0.00	355,666.67 ✓	177.83	5/11/2021
No.	Start End			0.00			0.00	0.00	0.00	0.00	
No.	Start End			0.00			0.00	0.00	0.00	0.00	
No.	Start End			0.00			0.00	0.00	0.00	0.00	
No.	Start End			0.00			0.00	0.00	0.00	0.00	
No.	Start End			0.00			0.00	0.00	0.00	0.00	
No.	Start End			0.00			0.00	0.00	0.00	0.00	
No.	Start End			0.00			0.00	0.00	0.00	0.00	
No.	Start End			0.00			0.00	0.00	0.00	0.00	
Today Total Quantities			485.00	2,155.56			0.00	0.00	355,666.67	177.83	

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY: MT (WSP)

DATE: 05/11/21

DATE: 06/02/2021

HMA YIELD CALC SHEET

DATE: Tuesday, May 11, 2021			OWNER: City of Detroit			
JOB NUMBER: PW-7018			CONTRACTOR: Ajax Paving Industries			
PROJECT NAME: City of Deroit Resurfacing 2020			PROJECT ENGINEER: Jim Petronski			
LOCATION: Detroit, MI			WEATHER: Partly Sunny 40 to 54			

LOAD #	LOCATION /STATION	START	Monte Vista south side			
27		END	Pinehurst south side			
LENGTH	355.00	ft	118.33	yd	CALCULATED YILED	162.12 ✓
WIDTH	15.50	ft	5.17	yd	DESIGN THICKNESS	1.50
AREA	5502.50	sqf ✓	611.39 ✓	syd	DESIGN YIELD	165.00
WEIGHT	49.56	tons	99120.00	lbs	YIELD DIFFERENCE	-2.88

LOAD #	LOCATION /STATION	START	Address 15875			
30		END	North of Pilgrim			
LENGTH	367.00	ft	122.33	yd	CALCULATED YILED	160.65 ✓
WIDTH	15.50	ft	5.17	yd	DESIGN THICKNESS	1.50
AREA	5688.50 ✓	sqf	632.06 ✓	syd	DESIGN YIELD	165.00
WEIGHT	50.77	tons	101540.00	lbs	YIELD DIFFERENCE	-4.35

LOAD #	LOCATION /STATION	START	Address 15785			
31		END	Griggs			
LENGTH	354.00	ft	118.00	yd	CALCULATED YILED	161.56 ✓
WIDTH	15.50	ft	5.17	yd	DESIGN THICKNESS	1.50
AREA	5487.00 ✓	sqf	609.67 ✓	syd	DESIGN YIELD	165.00
WEIGHT	49.25	tons	98500.00	lbs	YIELD DIFFERENCE	-3.44

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY: MT (WSP)

DATE: 5/11/2021

DATE: 06/02/2021

HMA YIELD CALC SHEET

DATE: Tuesday, May 11, 2021			OWNER: City of Detroit			
JOB NUMBER: PW-7018			CONTRACTOR: Ajax Paving Industries			
PROJECT NAME: City of Deroit Resurfacing 2020			PROJECT ENGINEER: Jim Petronski			
LOCATION: Detroit, MI			WEATHER: Sunny 39F to 58F			

LOAD #	LOCATION /STATION	START	Griggs			
32		END	Midland southwest corner			
LENGTH	354.00	ft	118.00	yd	CALCULATED YILED	162.55 ✓
WIDTH	15.50	ft	5.17	yd	DESIGN THICKNESS	1.50
AREA	5487.00 ✓	sqf	609.67 ✓	syd	DESIGN YIELD	165.00
WEIGHT	49.55	tons	99100.00	lbs	YIELD DIFFERENCE	-2.45

LOAD #	LOCATION /STATION	START	Midland southwest corner			
33		END	Wyoming Off Ramp			
LENGTH	361.00	ft	120.33	yd	CALCULATED YILED	160.88 ✓
WIDTH	15.50	ft	5.17	yd	DESIGN THICKNESS	1.50
AREA	5595.50 ✓	sqf	621.72 ✓	syd	DESIGN YIELD	165.00
WEIGHT	50.01	tons	100020.00	lbs	YIELD DIFFERENCE	-4.12

TICKET #	LOCATION /STATION	START				
		END				
LENGTH		ft	0.00	yd	CALCULATED YILED	#DIV/0!
WIDTH		ft	0.00	yd	DESIGN THICKNESS	
AREA	0.00	sqf	0.00	syd	DESIGN YIELD	0.00
WEIGHT		tons	0.00	lbs	YIELD DIFFERENCE	#DIV/0!

FIELD INSPECTOR: Lenoris Elliott (SOMAT)
REVIEWED BY: 0 MT(WSP)06/02/2021

DATE: 5/11/2021
DATE: 1/0/1900