



City of Detroit

Inspector's Daily Report

5/11/2021 7:20 AM

FieldBook 5.3a

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

IDR Date 5/10/2021	Day of Week Monday	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: 39 ° F High: 58 ° 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 6:30AM to 5:30PM)
Progressive Sweeping: (Site Time 6:00AM to 5:30PM)

The contractor's continued the construction activities by power sweeping roadway and applying a total of 1,150.0 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 39 loads at 1,919.79 tons of MDOT 5E3. The contractor placed 1,919.79 tons (No 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 Vassar to south of Santa Maria.

Mainline Mix 5E3 Locations:

Outside Lane from Vassar to north of 7 Mile Road.
Outside Lane from south of 7 Mile Road to north side of Schaefer.
Outside Lane from center of southbound Schaefer to south of Thatcher (North Side of MDOT Work -North of Outer Drive).
Outside Lane from (South Side of MDOT Work -North of Outer Drive) to south of Santa Maria.
Inside Lane from Vassar to north of 7 Mile Road.
Center Lane from 7 Mile Road Off Ramp to north of 7 Mile Road.
Inside Lane from south of 7 Mile Road to north side of Schaefer.
Inside Lane from center of southbound Schaefer to south of Thatcher (North Side of MDOT Work - North of Outer Drive).
Inside Lane from (South Side of MDOT Work - North of Outer Drive) to south of Santa Maria.

Prior to paving the inside lane, the contractor shutdown the entrance to 7 Mile Road Off & On Ramps. Traffic Control was in accordance as general as the project Traffic Control specifications. Once activities were complete, the entrance to the ramps were reopen.

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 1,919.79 tons.
Item Code _5010057 Bond Coat at 1,150.0 gallons.

TEMPORARY STRIPING:

A total of 218 temporary white marking tape (4.0 inch by 4.0 feet) were placed for three (3) driving lanes with a total of 872.0 linear feet.

POSTING ITEMS:

Item Code _8120245 PavtMrkg, Tape, Wh, Temp. at 872.0 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 94.1 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 contractor
and manpower/
equipment

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	1,919.790	Ton	SB JC Lodge SD from Vassar to south of Santa Maria.		
Bond Coat, Emulsified Asphalt SS-1H					1,150.00	Gal			
HMA, 5E3					1,919.79	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	872.000	Ft	SB JC Lodge SD from Vassar to south of Santa Maria.		
Pavt Mrkg, Type R, Tape, White					872.00	Ft			
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: 2021.06.02 07:26:14 -0400 (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: Monday, May 10, 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

South Bound John C Lodge Service Drive

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		SB John C Lodge SD	Street Width (ft)	Street Length (ft)		Surface Mainline Area (syd)	
No.1 No.10	Start End	Vassar South of Santa Maria	N/A	8,148.00		24,378.78	
MDOT MIXES			PROJECTED HMA (lbs)		PROJECTED HMA (tons)		
Mix 4E3 @ 2"		220	0.00		0.00		
Mix 5E3 @ 1.5"		165	4,022,498.33		2,011.25		
Bond Coat – Emulsified Asphalt			Product:	SS-1H	Gallons:	1,150.00	

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: 5/10/2021

REVIEWED BY:

DATE:

Cold Milling HMA Surface, Modified & Projected HMA Quantities

DATE: Monday, May 10, 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 DH	Start End	Vassar 1146 ft. south	30.00	1,146.00	3,820.00 ✓		165	0.00	0.00	630,300.00 ✓	315.15 ✓	5/10/2021
No. 2 DH	Start End	1146 ft. south 7 Mile North Side	39.00	206.00	892.67 ✓		165	0.00	0.00	147,290.00 ✓	73.65 ✓	5/10/2021
No. 3 DH	Start End	7 Mile South Side 230 ft. south	40.00	230.00	1,022.22 ✓		165	0.00	0.00	168,666.67 ✓	84.33 ✓	5/10/2021
No. 4 DH	Start End	230 ft. south 1313 ft. south	30.00	1,313.00	4,376.67 ✓		165	0.00	0.00	722,150.00 ✓	361.08 ✓	5/10/2021
No. 5 DH	Start End	Margaretta North Schaefer	30.00	1,569.00	5,230.00 ✓		165	0.00	0.00	862,950.00 ✓	431.48 ✓	5/10/2021
No. 6 DH	Start End	South Side Schaefer 18029 James Couzins	20.00	983.00	2,184.44 ✓		165	0.00	0.00	360,433.33 ✓	180.22 ✓	5/10/2021
No. 7 DH	Start End	South Side Schaefer 18029 James Couzins	10.00	889.00	987.78 ✓		165	0.00	0.00	162,983.33 ✓	81.49 ✓	5/10/2021
No. 8 DH	Start End	Thatcher Ward	30.00	1,283.00	4,276.67 ✓		165	0.00	0.00	705,650.00 ✓	352.83 ✓	5/10/2021
No. 9 LE	Start End	45ft. S. of Ward SS. 424.0 ft. south	30.00	424.00	1,413.33 ✓		165	0.00	0.00	233,200.00 ✓	116.60 ✓	5/10/2021
Today Total Quantities				8,043.00	24,203.78 ✓			0.00	0.00	3,993,623.33	1,996.81 ✓	

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY: MT (WSP)

DATE: 05/10/21

DATE: 06/01/2021

Cold Milling HMA Surface, Modified & Projected HMA Quantities

DATE: Monday, May 10, 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	424.0 ft. south 529.0 ft. south	15.00	105.00	175.00 ✓	165	0.00	0.00	28,875.00 ✓	14.44 ✓	5/10/2021
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			105.00	175.00			0.00	0.00	28,875.00	14.44	

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY: MT (WSP)

DATE: 05/10/21

DATE: 06/01/2021

HMA YIELD CALC SHEET

DATE: Monday, May 10, 2021

OWNER: City of Detroit

JOB NUMBER: PW-7018

CONTRACTOR: Ajax Paving Industries

PROJECT NAME: City of Detroit Resurfacing 2020

PROJECT ENGINEER: Jim Petronski

LOCATION: Detroit, MI

WEATHER: Sunny 39F to 58F

Load #	LOCATION /STATION	START	Cambridge south side			
3		END	Strathmoor south side			
LENGTH	389.00	ft	129.67	yd	CALCULATED YIELD	159.91 ✓
WIDTH	14.50	ft	4.83	yd	DESIGN THICKNESS	1.50
AREA	5640.50 ✓	sqf	626.72 ✓	syd	DESIGN YIELD	165.00
WEIGHT	50.11	tons	100220.00	lbs	YIELD DIFFERENCE	-5.09
Load #	LOCATION /STATION	START	7 Mile south side			
5		END	Freeland south side			
LENGTH	374.00	ft	124.67	yd	CALCULATED YIELD	167.62 ✓
WIDTH	14.50	ft	4.83	yd	DESIGN THICKNESS	1.50
AREA	5423.00 ✓	sqf	602.56 ✓	syd	DESIGN YIELD	165.00
WEIGHT	50.50	tons	101000.00	lbs	YIELD DIFFERENCE	2.62
Load #	LOCATION /STATION	START	Clarita south side			
7		END	Ardmoor			
LENGTH	375.00	ft	125.00	yd	CALCULATED YIELD	162.50 ✓
WIDTH	14.50	ft	4.83	yd	DESIGN THICKNESS	1.50
AREA	5437.50 ✓	sqf	604.17 ✓	syd	DESIGN YIELD	165.00
WEIGHT	49.09	tons	98180.00	lbs	YIELD DIFFERENCE	-2.50

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY: MT (WSP)

DATE: 5/10/2021

DATE: 06/01/2021

HMA YIELD CALC SHEET

DATE: Monday, April 19, 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: Cloudy 38F to 66F

Load #	LOCATION /STATION	START	Address 18657			
8		END	Margareta southwest corner			
LENGTH	369.00	ft	123.00	yd	CALCULATED YILED	166.86 ✓
WIDTH	14.50	ft	4.83	yd	DESIGN THICKNESS	1.50
AREA	5350.50 ✓	sqf	594.50 ✓	syd	DESIGN YIELD	165.00
WEIGHT	49.60	tons	99200.00	lbs	YIELD DIFFERENCE	1.86
Load #	LOCATION /STATION	START	Margareta southwest corner			
9		END	Lesure			
LENGTH	365.00	ft	121.67	yd	CALCULATED YILED	167.20 ✓
WIDTH	14.50	ft	4.83	yd	DESIGN THICKNESS	1.50
AREA	5292.50	sqf	588.06 ✓	syd	DESIGN YIELD	165.00
WEIGHT	49.16	tons	98320.00	lbs	YIELD DIFFERENCE	2.20
Load #	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: MT(WSP)

DATE: 4/19/2021

DATE: 06/01/2021