



City of Detroit

Inspector's Daily Report

4/23/2021 5:25 PM

FieldBook 5.3a

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

IDR Date 4/19/2021	Day of Week Monday	Seq. No. 1	Import Date N/A	Project Engineer Jim Petronski - 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: 66 ° F		Weather ✓ Partly Cloudy			



Inspector's Daily Report

4/23/2021 5:25 PM

FieldBook 5.3a

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 5:00PM)
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 1,510.0 gallons of the Bond Coat – Emulsified Asphalt Product SS-1H on the existing pavement. The application was applied by jet spray. Ajax delivered a total 34 loads at 1,691.53 tons of MDOT 4E3. The contractor placed 1,691.53 tons (No Waste) of HMA MDOT 4E3 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 1.75 to 2.5 inches in thickness for mainline from south of Santa Maria to Wyoming west side.

Mainline Mix 4E3 Locations:

Outside Lane from Meyers south side to Puritan north side.
Outside Lane from Puritan south side to Wyoming west side.
Inside Lane from 9 ft. south of Santa Maria south side to Meyers north side.
Inside Lane from Meyers south side to On Ramp.
Center Lane from Meyers south to On Ramp.
Inside Lane from On Ramp to Puritan north side.
Inside Lane from Puritan south side to 365 feet south.

To provide positive drainage in areas along curb line, HMA was placed in a loose layer ranging from 2.25 to 3.0 inches in thickness. 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. Refer to the attached HMA Yield Calculation Form for related data and other specific information.

TEMPORARY STRIPING:

Temporary double yellow marking stripes were placed with 4.0 inch by 4.0 feet long stripe at 73 spaces. A total of 292.0 linear Feet.

POSTING ITEMS:

Item Code _5010051 HMA, 4E3 at 1,691.53 tons.
Item Code _5010051 Bond Coat at 1,510.0 gallons.
Item Code _8120245 PavtMrkg, Tape, Wh, Temp. at 292.0 feet.

ATTACHMENTS:

SB JC Lodge SD Daily Summary Report

MATERIAL TESTING:

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



City of Detroit

Inspector's Daily Report

4/23/2021 5:25 PM

FieldBook 5.3a

COVID 19 ONSITE TESTING:

Forehead temperature was performed on myself by using an infrared temperature gun. My reading measured at 96.8 Fahrenheit.

DBE CONTRACTORS: N/A

UTILITIES: N/A

SITE SAFETY: See Incident Comment.

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

Contractors

Contractor's Name ✓	Personnel	No.	Hrs.	Equipment	No.	Hrs.
Ajax Paving Industries, Inc.	Flagger	6	10.50	Cat Backhoe 430F	1	10.50
	Foreman	1	10.50	Cat Paver AP1055F	1	10.50
	Laborer	3	10.50	Cat Roller CB13	1	10.50
	Operator	4	10.50	Cat Roller CB36B	1	10.50
				Cat Roller CB54	1	10.50
				GMC Utility Truck	1	10.50
				Peterbilt Service Truck w/Trailer	1	10.50
				Peterbilt Water Truck	1	10.50
				Tractor Broom	1	10.50

Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
HMA, 4E3	_50100510260	PW-7018		0000	1,691.530	Ton	SB mainline from south of Santa Maria to Wyoming west side.		
Contractor: Ajax Paving Industries, Inc.									
Bond Coat, Emulsified Asphalt SS-1H									
HMA, 4E3									

Must list source of materials



City of Detroit

Inspector's Daily Report

4/23/2021 5:25 PM

FieldBook 5.3a

Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
PavtMrkg,WtRef,Type R, Tape,4 in,Wh,Temp	_812024	0770	PW-7018	0000	292.000	Ft	SB mainline from south of Santa Maria to Wyoming west side.		
Contractor: Fort Wayne Contracting / Ajax Paving Industries, a joint ven									
Pavt Mrkg, Type R, Tape, White									

Must list source of material

292.00 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: 2021.05.28 14:28:13 -0400

(Signature)

(Date)

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

DATE: Monday, April 19, 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.)	N/A
Surface Area (syd.)	N/A
A1 (sft.)	N/A
A2 (sft.)	N/A
A3 (sft.)	N/A

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

Approaches Projected HMA 4E3	
HMA (lbs.)	N/A
HMA (tons)	N/A

Approaches Projected HMA 5E3	
HMA (lbs.)	N/A
HMA (tons)	N/A

Item Code 5017011 _ Cold Milling HMA Surface, Modified			YES		NO	X
Item Code 5010051 HMA, 4E3			YES	X	NO	
Item Code 5010057 HMA, 5E3			YES		NO	X
Main Street	SB John C Lodge SD	Street Width (ft)	Street Length (ft)		Surface Mainline Area (syd)	
No.1 No.10	Start End	9ft. S. of Santa Maria SS. Wyoming west side	N/A		6,336.00	
MDOT MIXES			PROJECTED HMA (lbs)		PROJECTED HMA (tons)	
Mix 4E3 @ 2"			220		3,215,776.67	
Mix 5E3 @ 1.5"			165		0.00	
Bond Coat – Emulsified Asphalt			Product: SS-1H		Gallons: 1,510.00	

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.	N/A	N/A			
4 in.	N/A	N/A			
6 in.	N/A	N/A			
4"Root	N/A	N/A			
6"Root	N/A	N/A			

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)	N/A				
Curb, Conc, Detail CD (ft)	N/A				
Ramp Opening Curb (ft)	N/A				
2 ft Integral Rem. (ft)	N/A				
2 ft Integral (ft)	N/A				

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

DATE: 4/19/2021

REVIEWED BY:

DATE:

Cold Milling HMA Surface, Modified & Projected HMA Quantities

DATE: Monday, April 19, 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	Start End	9ft. S. of Santa Maria SS. McNichols North Side	15.00	742.00	1,236.67	220		272,066.67	136.03	0.00	0.00	4/19/2021
No. 2	Start End	McNichols North Side McNichols South Side	14.00	78.00	121.33	220		26,693.33	13.35	0.00	0.00	4/19/2021
No. 3	Start End	McNichols South Side Meyers North Side	15.00	1,071.00	1,785.00	220		392,700.00	196.35	0.00	0.00	4/19/2021
No. 4	Start End	Meyers South Side 203 ft. south	42.50	203.00	958.61	220		210,894.44	105.45	0.00	0.00	4/19/2021
No. 5	Start End	203 ft. south Puritan North Side	30.00	1,693.00	5,643.33	220		1,241,533.33	620.77	0.00	0.00	4/19/2021
No. 6	Start End	Puritan South Side 28 ft. south	35.00	28.00	108.89	220		23,955.56	11.98	0.00	0.00	4/19/2021
No. 7	Start End	28 ft. south 365 ft. south	30.00	337.00	1,123.33	220		247,133.33	123.57	0.00	0.00	4/19/2021
No. 8	Start End	365 ft. south 1997 ft. S. (Off Ramp)	15.00	1,632.00	2,720.00	220		598,400.00	299.20	0.00	0.00	4/19/2021
No. 9	Start End	1997 ft. S. (Off Ramp) 2064 ft. south	15.00	67.00	111.67	220		24,566.67	12.28	0.00	0.00	4/19/2021
Today Total Quantities				5,851.00	13,808.83			3,037,943.33	1,518.97	0.00	0.00	

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY:

DATE:

04/19/21

DATE:



Somat Engineering
INCORPORATED



Cold Milling HMA Surface, Modified & Projected HMA Quantities

DATE: Monday, April 19, 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	Start End 2064 ft. south Wyoming west side	15.00	485.00	808.33	220		177,833.33	88.92	0.00	0.00	4/19/2021
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	808.33			177,833.33	88.92	0.00	0.00	

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY:

DATE:

04/19/21

DATE:

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 Detroit Resurfacing 2020

PROJECT ENGINEER: Jim Petronski

LOCATION: Detroit, MI

WEATHER: Cloudy 38F to 66F

Load #	LOCATION /STATION	START	North side of Monte Vista - Outside Lane			
5		END	250.00 feet south			
LENGTH	250.00	ft	83.33	yd	CALCULATED YIELD	242.83
WIDTH	15.00	ft	5.00	yd	DESIGN THICKNESS	2.00
AREA	3750.00	sqf	416.67	syd	DESIGN YIELD	220.00
WEIGHT	50.59	tons	101180.00	lbs	YIELD DIFFERENCE	22.83
Load #	LOCATION /STATION	START	North of Pinehurst - Outside Lane			
7		END	247.00 feet south			
LENGTH	247.00	ft	82.33	yd	CALCULATED YIELD	249.23
WIDTH	15.00	ft	5.00	yd	DESIGN THICKNESS	2.00
AREA	3705.00	sqf	411.67	syd	DESIGN YIELD	220.00
WEIGHT	51.30	tons	102600.00	lbs	YIELD DIFFERENCE	29.23
Load #	LOCATION /STATION	START	Center of Griggs - Outside Lane			
14		END	234.00 feet south			
LENGTH	234.00	ft	78.00	yd	CALCULATED YIELD	257.69
WIDTH	15.00	ft	5.00	yd	DESIGN THICKNESS	2.00
AREA	3510.00	sqf	390.00	syd	DESIGN YIELD	220.00
WEIGHT	50.25	tons	100500.00	lbs	YIELD DIFFERENCE	37.69

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY:
DATE: 4/19/2021

DATE:

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	South of Florence - Inside Lane			
30		END	275.00 south			
LENGTH	275.00	ft	91.67	yd	CALCULATED YILED	218.05
WIDTH	15.00	ft	5.00	yd	DESIGN THICKNESS	2.00
AREA	4125.00	sqf	458.33	syd	DESIGN YIELD	220.00
WEIGHT	49.97	tons	99940.00	lbs	YIELD DIFFERENCE	-1.95
Load #	LOCATION /STATION	START	South of Monte Vista - Inside Lane			
31		END	286.00 feet south			
LENGTH	286.00	ft	95.33	yd	CALCULATED YILED	208.49
WIDTH	15.00	ft	5.00	yd	DESIGN THICKNESS	2.00
AREA	4290.00	sqf	476.67	syd	DESIGN YIELD	220.00
WEIGHT	49.69	tons	99380.00	lbs	YIELD DIFFERENCE	-11.51
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:

DATE: 4/19/2021

DATE: