



City of Detroit

Inspector's Daily Report

7/19/2020 2:03 PM

FieldManager 5.3c

Contract: _PW-7018, City of Detroit Resurfacing 2020

IDR Date 7/17/2020	Day of Week Friday	Seq. No. 1	Import Date 7/29/2020	Project Engineer Jim Petronski - WSP	Construction Engineer Abdul Siddiqui - 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, Lenoris Elliott		Revised By		Revision Date	Revision No.
Temperatures Low: 67 ° F High: 91 ° F		Weather Fair			



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Comments

STREET LOCATION: Monroe – St. Antoine to I-375 Service Drive

CONTRACTOR ONSITE:

Ajax Paving Industries
Municipal Sweeping

CONTRACTOR ACTIVITIES:

Ajax Paving Industries: (Site Time 5:00AM to 9:00AM)
Municipal Sweeping: (Site Time 5:00AM to 8:00AM)

The contractor's continued the PW-7018 City of Detroit Resurfacing Project by power sweeping and applying the Bond Coat – Emulsified Asphalt on the existing base surface. The contractor placed 273.38 tons 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 2.0 to 3.0 inches in thickness and with random depth checks performed by the Somat inspector. To achieve the project density requirements, the compaction operation was performed by using a series of steel drum tandem vibratory rollers. Several in-place HMA temperatures were obtained and recorded on each batch load truck ticket ranging from approximate 289 to 305 Degrees Fahrenheit. Calculated yields were obtained by the Somat inspector. Refer to the attached HMA Yield Calculation Form and Cold Milling HMA Surface, Modified & Projected HMA Quantities for related data and other specific information.

TEMPORARY STRIPING:

Temporary white marking stripes were placed at 3 feet each with a total 11 stripes at 33 Total Linear Feet.

MATERIAL TESTING:

Certified HMA technicians from Ajax Paving Industries and Somat were onsite to perform QC/QA HMA sampling and in-place density 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 Control is in place per the proposal, using lighted arrow boards, barrels, and signs.

POSTING ITEMS:

501005_HMA, 4E3 at 273.38 tons.

ATTACHMENTS:

HMA Yield Calculation Sheet
Cold Milling HMA Surface, Modified & Projected HMA Quantities Report

STREET LOCATION: West Forest Street from Trumbull to John R

Marked and laid out the removal areas as needed for sidewalk and curb.

POSTING ITEMS:

None

ATTACHMENTS:

None

COVID 19 ONSITE TESTING:

Kobi Smith (WSP) performed a body temperature reading by using an infrared temperature gun on myself and reading measured at 97.3 Fahrenheit.



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Contractors

Contractor's Name	Personnel	No.	Hrs.	Equipment	No.	Hrs.
Ajax Paving Industries, Inc.	Labour	4	4.00	Cat 430F Backhoe #M1074	1	4.00
	Operator	5	4.00	Cat AP1055F Paver #AP93	1	4.00
	Superintendent	1	4.00	Cat CB13 Roller #7066	1	4.00
				Cat CB36B Roller #7075	1	4.00
				Ford Truck - Arrow Board #2044	1	4.00
				GMC Utility Truck #2033	1	4.00
				Low Boy	1	4.00
				Municipal Sweeping	1	4.00
				Peterbilt Tack Truck #9002	1	4.00
				Peterbilt Utility Truck #2089	1	4.00
				Peterbilt Water Truck #9018	1	4.00
				Pickup Truck #1117	1	4.00
				Pickup Truck #1148	1	4.00
				Rubber Tire Trailer #X312	1	4.00

Site Information

Site Number	Site Description	Days Charged	Contractor(s) Working	Hours Available	Hours Worked	Controlling Operations	Reason for Delays	Comments
03	Monroe	N/A	Yes		4.00	Yes		

Item Postings

Item/Material Description	Item Code	Prop. Line	Project	Category	Quantity	Unit	Location	Brkdwn ID	Attn
HMA, 4E3	_50100510260	PW-7018		0000	273.380	Ton	Monroe – St. Antoine to I-375 Service Drive		
Contractor: Ajax Paving Industries, Inc.									
Bond Coat, Emulsified Asphalt SS-1H							0.00 Gal		
Material Remarks: Bond coat quantity was applied to W. Blvd quantity. Refer to D. welborne.									
HMA, 4E3					273.38	Ton			

Reviewed By: Carly Taylor Carly Taylor
Aug 17 2020 9:07 AM
(Signature)

(Date)

Cold Milling HMA Surface, Modified & Projected HMA Quantities

DATE: 7/17/2020	OWNER: City of Detroit
JOB NUMBER: PW-7018	CONTRACTOR: Ajax Industrial / Ten Mile Creek
PROJECT NAME: PW-7018 City of Detroit Resurfacing 2020	PROJECT ENGINEER: Jim Petronski
LOCATION: Detroit, MI	SHEETS: 1 OF 1

Main Street	MONROE St.	Street Width (ft)	Street Length (ft)	Mainline HMA (syd)	Area	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	St. Antoine to 53 ft. east	21	53	123.67	220		27206.7	13.6	0.0	0.00	
No. 2	Start End	53 ft. to 258 ft. east	25	205	569.44	220		125277.8	62.6	0.0	0.00	
No. 3	Start End	258 ft. to 292 ft. east	28	34	105.78	220		23271.1	11.6	0.0	0.00	
No. 4	Start End	292 ft. to 423 ft. east	32	131	465.78	220		102471.1	51.2	0.0	0.00	
No. 5	Start End	423 ft. to 554 ft. east	42	131	611.33	220		134493.3	67.2	0.0	0.00	
No. 6	Start End	554 ft. to I-375 Service Drive	30	12	40.00	220		8800.0	4.4	0.0	0.00	
No.	Start End				0.00			0.0	0.0	0.0	0.00	
No.	Start End				0.00			0.0	0.0	0.0	0.00	
No.	Start End				0.00			0.0	0.0	0.0	0.00	
No.	Start End				0.00			0.0	0.0	0.0	0.00	
No.	Start End				0.00			0.0	0.0	0.0	0.00	
No.	Start End				0.00			0.0	0.0	0.0	0.00	
No.	Start End				0.00			0.0	0.0	0.0	0.00	
Today Total Quantities			566		1,916.00			421,520.0	210.8	0.0	0.00	

FIELD INSPECTOR: Lenoris Elliott (SOMAT)

REVIEWED BY:

DATE: 7/17/2020

DATE:

HMA YIELD CALC SHEET

DATE: 7/17/2020
JOB NUMBER: PW-7018
PROJECT NAME: PW-7018 City of Detroit 2020
LOCATION: Detroit, MI

OWNER: City of Detroit
CONTRACTOR: Ajax Paving Industries
PROJECT ENGINEER: Jim Petronski
WEATHER: Fair 67 F / 91 F

TICKET #	LOCATION /STATION	START	St. Antoine, left lane north curb {Double Truck - PuP}			
Load No.1		END	164 east			
LENGTH	164.00	ft	54.67	yd	CALCULATED YIELD	409.30
WIDTH	12.00	ft	4.00	yd	DESIGN THICKNESS	2.00
AREA	1968.00	sqf	218.67	syd	DESIGN YIELD	220.00
WEIGHT	44.75	tons	89500.00	lbs	YIELD DIFFERENCE	189.30
TICKET #	LOCATION /STATION	START	164 feet east, left lane north curb {Double Truck - Lead}			
Load No.1		END	228 east			
LENGTH	64.00	ft	21.33	yd	CALCULATED YIELD	762.78
WIDTH	16.50	ft	5.50	yd	DESIGN THICKNESS	2.00
AREA	1056.00	sqf	117.33	syd	DESIGN YIELD	220.00
WEIGHT	44.75	tons	89500.00	lbs	YIELD DIFFERENCE	542.78
TICKET #	LOCATION /STATION	START	LOAD No.1 AVERAGE			
Load No.1		END	Double Truck with lead & pup			
LENGTH	228.00	ft	76.00	yd	CALCULATED YIELD	247.92
WIDTH	14.25	ft	4.75	yd	DESIGN THICKNESS	2.00
AREA	3249.00	sqf	361.00	syd	DESIGN YIELD	220.00
WEIGHT	44.75	tons	89500.00	lbs	YIELD DIFFERENCE	27.92
TICKET #	LOCATION /STATION	START	285 feet east of St. Antoine, right lane south curb			
Load No.6		END	526 feet east			
LENGTH	241.00	ft	80.33	yd	CALCULATED YIELD	242.79
WIDTH	16.00	ft	5.33	yd	DESIGN THICKNESS	2.00
AREA	3856.00	sqf	428.44	syd	DESIGN YIELD	220.00
WEIGHT	52.01	tons	104020.00	lbs	YIELD DIFFERENCE	22.79
TICKET #	LOCATION /STATION	START				
		END				
LENGTH		ft	0.00	yd	CALCULATED YIELD	#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!
TICKET #	LOCATION /STATION	START				
		END				
LENGTH		ft	0.00	yd	CALCULATED YIELD	#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!
TICKET #	LOCATION /STATION	START				
		END				
LENGTH		ft	0.00	yd	CALCULATED YIELD	#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: 7/17/2020
DATE: