



TICKET NUMBER
82026494

SMYRNA READY MIX CONCRETE
1000 Hollingshead Circle
Murfreesboro, TN 37129
www.smyrnareadymix.com

SOLD TO:

Project Number:

PW-7045 4TH STREET ROAD CONSTRUCT

WIGGLE PHASE 2

DETROIT

SHIP TO:

Customer ID: 250210

MAJOR CONTRACTING GROUP

PO BOX 23740

DETROIT, MI 48223

DATE	TRUCK	OPERATOR	SLUMP (in.)	LOT #	Usage
05/15/2023	4835MCC	WILLIAMS, CHRISTOPHER	5.00		
TIME	PLANT	ORDER #	ACCOUNT #	P.O. #	JOB #
7:05:AM	000820	170	250210		

WARNING

IRRITATING TO THE SKIN AND EYES

Contains Portland Cement, Wear rubber Boots and Gloves. PROLONGED CONTACT MAY CAUSE BURNS. Avoid contact with Eyes and Prolonged Contact with Skin or Eyes. Flush Thoroughly With Water. If Irritation Persists, Get Medical Attention. KEEP CHILDREN AWAY. Call Dispatch for SDS (Safety Data Sheet). CONCRETE is a PERISHABLE COMMODITY and BECOMES the PROPERTY of the PURCHASER UPON LEAVING the PLANT. ANY CHANGES or CANCELLATION of ORIGINAL INSTRUCTIONS MUST be TELEPHONED to the OFFICE BEFORE LOADING STARTS.

The undersigned promises to pay all costs, including reasonable attorney's fees incurred in collection of any sums owed.

All accounts not paid when due will bear interest at the rate of 18% per annum.

Our Concrete is guaranteed for strength only per ASTM C-94 and will not be effective unless ASTM C-172, C-31, C-39, and E-329 are followed properly. Not responsible for Color, Quantity, Finishing, Placement, Protection/Curing, Jointing, or any other factors beyond Supplier's control. No Claim Allowed Unless Made at Time Material is Delivered

PROPERTY DAMAGE WAIVER

(TO BE SIGNED IF DELIVERY TO BE MADE INSIDE CURB LINE)

It is the policy of Smyrna Ready Mix Concrete to Guarantee Delivery to the curb only. We will not be held responsible for towing bills for stuck trucks not on public roadway, damage to driveways, sidewalks, buildings, parking lots, trees or property after leaving the curb. Furthermore, the undersigned agrees to pay for any towing charges incurred after our trucks leave public roadways.

The undersigned acting as owner or agent for the owner understands this agreement and releases Smyrna Ready Mix Concrete from any liability.

X

The seller will not assume any responsibility for the strength of concrete if water is added to the concrete on the job by purchaser. Authorized to Add Water By:

GAL X

NOTICE: MY SIGNATURE BELOW INDICATES THAT I HAVE READ THE HEALTH WARNING, PROPERTY DAMAGE RELEASE AND WATER ADDED. SUPPLIER WILL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED WHEN DELIVERING INSIDE CURB LINE.

LOAD RECEIVED BY:

X

ORDERED QUANTITY	CUMULATIVE QUANTITY	QUANTITY	U.O.M.	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT PRICE	EXTENDED AMOUNT
44.10	11.00	11.00	CY	35600	3500 PSI SLAG #57 LIME		
0.00	1.00	1.00	EA	SC-1015	ENVIRONMENTAL FUEL SURCHARGE		

LOAD	LEAVE PLANT	ARRIVED JOB	START UNLOAD	FINISH UNLOAD	LEAVE JOB	FINAL SLUMP	TESTED AIR	REVOLUTIONS
7:05:AM			7:45	8:28				

Six minutes per yard unloading time is allowed. Demurrage time will be charged to customer.

No credit allowed for concrete return.

Loads less than six cubic yards will be charged for short load.

Customer must supply wheelbarrow or designated area to wash down in.

COMMENTS / REMARKS

3730 4TH ST / USE FOREST EAST OFF LODGE TO
3RD ST SOUTH TO SELDEN WEST NO CITY SLIP

SUBTOTAL
SALES TAX
TICKET TOTAL
GRAND TOTAL

I CERTIFY MATERIALS MEET

MDOT SPECIFICATIONS: X

MATERIAL	DESIGN	TARGET	BATCHED	% VAR	MOIST. %
LAFARGE SLAG-GRADE 100	132.00 lb	1450.00 lb	1410.00 lb	-2.8	0.00
SPRING MILL - 2NS	1400.00 lb	15940.00 lb	15900.00 lb	-0.3	3.50
LAFARGE TYPE II	394.00 lb	4335.00 lb	4385.00 lb	1.2	0.00
PORT INLAND - 6AA	1750.00 lb	19240.00 lb	19260.00 lb	0.1	0.00
WAFI	28.40 gal	231.26 gal	230.31 gal	-0.4	0.00
MB AE 200	0.81 oz	47.00 oz	46.50 oz	-1.1	0.00
MB 7925	2.00 oz	116.00 oz	116.00 oz	0.0	0.00

Signature

AGG WATER
64.4 gal

P820

End of Load Time: 7:07 AM

Batched W/C: 0.427

Trim Water: 1.50 gal/yd

Water to Add: 16.36 gal



TICKET NUMBER
82026497

SMYRNA READY MIX CONCRETE
1000 Hollingshead Circle
Murfreesboro, TN 37129
www.smyrnareadymix.com

Customer ID: 250210
MAJOR CONTRACTING GROUP
PO BOX 23740
DETROIT, MI 48223

SOLD TO: Project Number:
PW-7045 4TH STREET ROAD CONSTRUCT
WIGGLE PHASE 2
DETROIT

SHIP TO:

DATE	TRUCK	OPERATOR	SLUMP (in.)	LOT #	Usage
05/15/2023	4838MCC	NESS, TIMOTHY	5.00		
TIME	PLANT	ORDER #	ACCOUNT #	P.O. #	JOB #
8:30:AM	000820	170	250210		
					WATER ADDED (GAL) / LOAD
					FULL 3/4 1/2 1/4

WARNING

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PROPERTY DAMAGE WAIVER

(TO BE SIGNED IF DELIVERY TO BE MADE INSIDE CURB LINE)

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GAL X

NOTICE: MY SIGNATURE BELOW INDICATES THAT I HAVE READ THE HEALTH WARNING, PROPERTY DAMAGE RELEASE AND WATER ADDED. SUPPLIER WILL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED WHEN DELIVERING INSIDE CURB LINE.

LOAD RECEIVED BY:

X

ORDERED QUANTITY	CUMULATIVE QUANTITY	QUANTITY	U.O.M.	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT PRICE	EXTENDED AMOUNT
44.10	22.00	11.00	CY	35600	3500 PSI SLAG #57 LIMEST		
0.00	2.00	1.00	EA	SC-1015	ENVIRONMENTAL\FUEL SURCHARGE		
		</					

Six minutes per yard unloading time is allowed. Demurrage time will be charged to customer.

No credit allowed for concrete return.

Loads less than six cubic yards will be charged for short load.

Customer must supply wheelbarrow or designated area to wash down in.

COMMENTS / REMARKS

3730 4TH ST / USE FOREST EAST OFF LODGE TO
3RD ST SOUTH TO SELDEN WEST NO CITY SLIP

SUBTOTAL
SALES TAX
TICKET TOTAL
GRAND TOTAL

I CERTIFY MATERIALS MEET

MDOT SPECIFICATIONS: X

MATERIAL	DESIGN	TARGET	BATCHED	% VAR	MOIST. %
LAFAG-SLAG-GRADE 100	132.00 lb	1450.00 lb	1295.00 lb	-10.7	0.00
SPRING MILL - 2NS	1400.00 lb	15940.00 lb	15900.00 lb	-0.3	3.50
LAFARGE TYPE II	394.00 lb	4335.00 lb	4495.00 lb	3.7	0.00
PORT INLAND - GAA	1750.00 lb	19240.00 lb	19160.00 lb	-0.4	0.00
WAT1	28.40 gal	242.29 gal	241.57 gal	-0.3	0.00
MB AE 200	0.81 oz	47.00 oz	46.50 oz	-1.1	0.00
MB 7925	2.00 oz	116.00 oz	116.00 oz	0.0	0.00

[Signature]

AGG WATER
64.4 gal

P820

End of Load Time: 8:32 AM
Batched W/C: 0.444
Trim Water: 0.50 gal/yd
Water to Add: 4.76 gal



TICKET NUMBER
82026504

SMYRNA READY MIX CONCRETE
1000 Hollingshead Circle
Murfreesboro, TN 37129
www.smyrnareadymix.com

Customer ID: 250210
MAJOR CONTRACTING GROUP
PO BOX 23740
DETROIT, MI 48223

SOLD TO: Project Number:
PW-7045 4TH STREET ROAD CONSTRUC
WIGGLE PHASE 2
DETROIT

SHIP TO:

DATE	TRUCK	OPERATOR	SLUMP (In.)	LOT #	Usage
05/15/2023	2316	REGISTER, RANDELL	5.00		
TIME	PLANT	ORDER #	ACCOUNT #	P.O. #	JOB #
9:55:AM	000820	170	250210		
WATER ADDED (GAL) / LOAD					
FULL 3/4 1/2 1/4					

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LOAD RECEIVED BY:

X

ORDERED QUANTITY	CUMULATIVE QUANTITY	QUANTITY	U.O.M.	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT PRICE	EXTENDED AMOUNT	
44.10	33.00	11.00	CY	35600	3500 PSI SLAG #57 LIMEST			
0.00	3.00	1.00	EA	SC-1015	ENVIRONMENTAL\FUEL SURCHARGE			
LOAD	LEAVE PLANT	ARRIVED JOB	START UNLOAD	FINISH UNLOAD	LEAVE JOB	FINAL SLUMP	TESTED AIR	REVOLUTIONS
9:55:AM			10:22	11:05				

Six minutes per yard unloading time is allowed. Demurrage time will be charged to customer.

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COMMENTS / REMARKS

3730 4TH ST / USE FOREST EAST OFF LODGE TO
3RD ST SOUTH TO SELDEN WEST NO CITY SLIP

SUBTOTAL
SALES TAX
TICKET TOTAL
GRAND TOTAL

I CERTIFY MATERIALS MEET

MDOT SPECIFICATIONS: X

MATERIAL	DESIGN	TARGET	BATCHED	% VAR	MOIST. %
MB 7925	2.00 oz	116.00 oz	116.00 oz	0.0	0.00
LAFAG-SLAG-GRADE 100	132.00 lb	1450.00 lb	1445.00 lb	-0.3	0.00
SPRING MILL - 2NS	1400.00 lb	15900.00 lb	15880.00 lb	-0.1	3.25
LAFARGE TYPE II	394.00 lb	4335.00 lb	4365.00 lb	0.7	0.00
PORT INLAND - 6AA	1750.00 lb	19240.00 lb	19200.00 lb	-0.2	0.00
WAT1	28.40 gal	246.84 gal	245.88 gal	-0.4	0.00
MB AE 200	0.81 oz	47.00 oz	46.50 oz	-1.1	0.00

Signature

AGG WATER
59.9 gal

P820

End of Load Time: 9:57 AM
Batched W/C: 0.441
Trim Water: 0.50 gal/yd
Water to Add: 6.57 gal

End of Load Time: 11:11 AM
Batched W/C: 0.439
Trim Water: 0.50 gal/yd
Water to Add: 3.07 gal



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Standish, MI • St. Johns, MI • Saginaw, MI
www.ssi-mi.com
Tel: (989) 846-6601

Concrete Testing Report

Contractor/Subcontractor: <u>Major Cement</u>		MDOT Job #: <u>N/A</u>	SSI Job #: <u>22810</u>
Foreman: <u>Aldo</u>		Inspector Name: <u>Tim - HNTB</u>	
Weather: <u>Clear</u>		Tester Name: <u>Keagan Wendel</u>	
Lot No: <u>PW-7045-3</u>		Certification #: <u>02096014</u>	
Description of Pour: <u>Sidewalk</u>		Date: <u>5-15-23</u>	
Location/Station of Pour: <u>3730 Fourth Street</u>		Scheduled Pour Time: <u>7:00 AM</u>	
MDOT Spec. (Yr): <u>2020</u> Mix Design Number: <u>35600</u>		Method of Placement: <u>Truck chute</u>	
Conc. Grade: <u>P1</u>	Agg. Correction: <u>0.2</u>	Design Strength: <u>3500</u>	Air: <u>5.6</u> % to <u>8.5</u> % Slump: <u>0</u> inch to <u>6</u> inch

Field Testing Summary

Truck #	Time	Air Temp (F)	Concrete Temp (F)	Air Content (%)	Slump (in.)	Cylinder Set	Cumulative Yardage
1835	7:50	47°	64°	7.0	5 1/2	1	11.00
4838	9:15	55°	65°	6.8	5	—	22.00
2316	10:30	61°	68°	6.7	5	—	33.00

Compressive/Flexural Strength Test Results

Cylinder/Beam ID	Set No.	Age (Days)	Break Date	Diameter (inch)	Cross Sectional Area (in ²)	Maximum Load (Pounds)	Strength (PSI)	Break Type	Broken By
3A	1	28	6-12	4	12.57				
3B	1	28	6-12	4	12.57				
3C Extra	1			4	12.57				
3D Early	1			4	12.57				
3E Early	1			4	12.57				

On-Site Activity Report:

Correlation Results: Tester AI Delivery Ticket # 82026494 Air % 6.8 Slump 5" Air Temp 47° Concrete Temp 65°

113.27 cu yd

COOK @ 3730 Fourth St
on sidewalk

Cylinder Break Report (Explain any Anomalies): _____

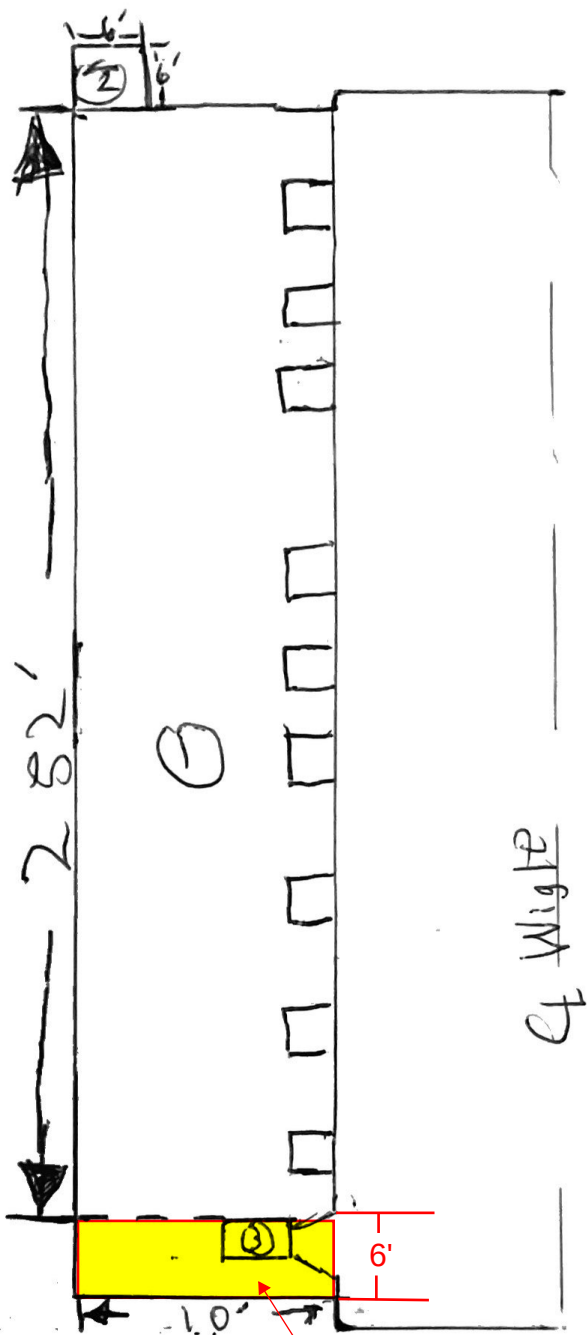
Volume of Concrete Poured: 33.00

Conc. Source and City: SRM

This concrete report has been independently reviewed and verified by: _____

For <u>City of Detroit</u>	Job no. <u>PW-7045</u>	Sheet no.
Made by <u>Timothy Bent</u>	Checked by	Backchecked by
Date <u>05-15-23</u>	Date	Date

HNTB



□ = Tree Pit

Ramp

*Calculations for 4" SW

① $10' \times 252' = 2520 \text{ SFT}$

② $6' \times 6' = 36 \text{ SFT}$

• Total = $2,556 \text{ SFT}$

*Calculations for SW ramp

③ ~~$6' \times 4' = 24 \text{ SFT}$~~ $6' \times 10' = 60 \text{ sft}$

• Total = 24 SFT



6680 Middlebelt Road, Romulus, MI 48174
Tel: 734-946-4966 Fax: 734-946-1147

CONCRETE QA CORRELATION

DATE: 5/15/2023
MDOT CONTROL SECTION: N/A
MDOT JOB NUMBER: N/A
SOMAT JOB NUMBER: 2022078G
PROJECT NAME: PW 7045 - WIGLE Phase II
CITY: Detroit

CLIENT: Hubbel Roth & Clark
PROJECT ENGINEER: Kevin Surhigh, P.E.
INSPECTOR: Tim (HNTB)
CONTRACTOR: Major Cement
QC COMPANY: SSI
QC TESTER: Kegan

CONCRETE INFORMATION

CONCRETE COMPANY:	SRM	TRUCK NUMBER:	4835
MIX DESIGN #:	35600	PLANT LOCATION (CITY):	820 (Detroit)
CONCRETE GRADE:	3500	TOTAL QUANTITY (CYDS):	36.5
PWL/NON-PWL:	NON	QUANTITY AT SAMPLE (CYDS):	1

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

Sidewalks along Tuscola and Grainard.

TEST RESULTS

	QC (CONTRACTOR)	QA (SOMAT)	TOLERANCE	MEETS TOLERANCE (Y/N)
SAMPLE TIME (Hrs/Min):	7:55 AM			
AIR CONTENT (%):	7.00	6.80	+/- 0.8 PERCENT	YES

REMARKS:

FIELD REPRESENTATIVE: Alan Majka

DATE: 5/15/2023

PROJECT MANAGER(s): Steven 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 TESTING

DATE:	5/15/2023	CLIENT:	Hubbel Roth & Clark Inc.
JOB NUMBER:	2022078G	CONSULTANT ENGINEER:	Kevin Surhigh, P.E
PROJECT NAME:	PW 7045 - WIGLE Phase II	INSPECTOR:	Tim (HNTB)
LOCATION:	Detroit MI	CONTRACTOR:	Major Cement
ROUTE NO. or STREET:	Tuscola	WEATHER:	Sunny

CONCRETE INFORMATION			
CONCRETE SUPPLIER:	SRM	SAMPLE METHOD:	Wheel Barrow
SUPPLIER MIX ID:	35600	PLANT LOCATION (CITY):	820 (Detroit)
GRADE OF CONCRETE:	3500	QUANTITY ORDERED (CYDS):	44
AIR ENTRAINMENT:	MB AE 200	QUANTITY PLACED (CYDS):	36.5
ADDMIXTURE (OTHER):	MB 7925	REJECTED:	

LOCATION(s) AND ITEM(s):
Sidewalks along Tuscola and Grainard.

TEST RESULTS					
LOT - SUBLOT:	N/A				
TIME (Hrs/Min):	7:50 AM				
TRUCK (#):	4835				
SLUMP (INCH):	5.50 INCH				
AIR CONTENT (%):	6.8 %				
CONCRETE TEMP. (°F):	65 °F				
AIR TEMP. (°F):	47 °F				
WATER ADDED (GAL.):					
CYLINDER SET:	1				
28 DAY STRENGTH (PSI):	3500 PSI				

REMARKS:

FIELD REPRESENTATIVE:	Alan Majka	DATE:	5/15/2023
PROJECT MANAGER(s):	Steven Drummond, P.E.	DATE:	

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INSPECTOR'S REPORT OF CONCRETE PLACED - Roadway

DISTRIBUTION: ORIGINAL – Construction Project Engineer Files COPY - CFS

CONTRACTOR Major Contracting		GENERAL NAME OF PROJECT Midtown, West Wlgle 4th Street Construction Phase II	
SUBCONTRACTOR		CONTROL SECTION ID – JOB NUMBER PW 7029	
CONCRETE SUPPLIER SRM Concrete		ROUTE 4th St.	
MAXIMUM TIME		STRUCTURE NUMBER	
WEATHER 48 A.M. 74 P.M.		REPORT NUMBER	DATE 5-15-23

MAX. WATER ADDED PER CYD GALLONS	REASON:	
BEAMS/CYLINDERS MADE (Sta, Time, #, etc.) 2 cylinders		CURING COMPND. USED GALLONS

Intended Air 5.5% to 8.5%			TEMPERATURES – AIR – SLUMP			Intended Slump 5" to 8"					
TIME	ATMOSPHERE	CONCRETE	*AIR CONTENT %	SLUMP	CYLINDERS/ BEAMS	TIME	ATMOSPHERE	CONCRETE	*AIR CONTENTS %	SLUMP	CYLINDERS/ BEAMS
7:50 a.m	46	64	7.0	5.5"	2	7:50 a.m	47	65	6.8	5.5"	2

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 %
		P1-DET								

REMARKS OR COMPUTATIONS
(Use back if necessary)

MIX OR STREET TECHNICIAN	DATE
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This image shows a full page of blank graph paper. The background is a solid light blue color. Overlaid on this background is a precise grid of thin, dark gray lines. The grid consists of small, equal-sized squares that cover the entire area of the page, leaving no margins or other markings.

DATE				
5-15-23				

Clear Form