

#### TRANSPORTATION IMPROVEMENT ASSOCIATION

100 E. Big Beaver Rd., Suite 910, Troy, Michigan 48083 Office (248) 334-4971 • Fax (248) 475-3434 www.tiasafety.us

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Scott McKee Chief of Police City of Lathrup Village 27400 Southfield Road Lathrup Village, MI 48076

RE: Lathrup Boulevard Bridge Over I-696 at 11 Mile Rd Closure Study

Dear Chief McKee:

At your request the Transportation Improvement Association (TIA) reviewed the Lathrup Boulevard bridge over the I-696 expressway between the eastbound and westbound 11 Mile Road Service Drives with respect for motorists' safety at the intersections and concerns for the crossing of pedestrians and bicyclist. For this evaluation, TIA conducted a site visit to assess the existing conditions, reviewed crash history, and collected vehicular volume data.

#### **EXISTING CONDITIONS**

The site visit review was conducted on Wednesday, May 31, 2023 and included observation of Lathrup Boulevard, the bridge over the I-696 Expressway, and the eastbound and westbound 11 Mile Road Service Drives in the immediate area of the intersections of these roadways.

Lathrup Boulevard is a 2-lane, 2-way, roadway north and south of its intersections with the 11 Mile Road Service Drives of the 1-696 Expressway. On the bridge over I-696 the roadway is also a 2-lane, 2-way road, and has a double yellow centerline pavement marking. Lathrup Boulevard is controlled with Stop signs at its intersections with the 11 Mile Road Service Drives which are the uncontrolled through roads.

- 11 Mile Road eastbound is a 3-lane, one-way, road. The left lane continues exclusively to the eastbound I-696 entrance ramp. The middle lane is optional eastbound through or eastbound I-696 entrance ramp, and the right lane is eastbound through only. A left turn movement from eastbound 11 Mile Road onto northbound Lathrup Boulevard (bridge over I-696) is prohibited with a posted no left turn sign. The Speed Limit is 40 MPH.
- 11 Mile Road westbound is a 4-lane, one-way, road. The left 2-lanes are a continuation from the westbound I-696 exit ramp to Southfield Road. The right 2-lanes are a continuation of the westbound 11 Mile Road through lanes. A left turn movement from westbound 11 Mile Road onto southbound Lathrup Boulevard (bridge over I-696) is prohibited with a posted no left turn sign (damaged, and laying on the ground at the time of this site visit). The speed limit is 40 MPH.

Observation of traffic operations at these intersections has concerns for ability of motorists, pedestrians, and bicyclists to obtain a sufficient acceptable gap in the flow of traffic, especially at the westbound 11 Mile Road location. High speed traffic from the exit ramp of I-696, sight lines limited by the grade of the road, the multiple lanes, and the existence of traffic backups, contribute to these concerns. In regard to pedestrians or bicyclists, this was previously studied and resulted in a unanimous conclusion by TIA, city officials and their engineers, that an alternative crossing location needed consideration and implementation. See attached study report dated June 7, 2021.

Page 2 of 3 Chief McKee June 5, 2023

#### **CRASH HISTORY**

A review of the 3-year (2020-2022) crash history of Lathrup Boulevard at its intersections with the eastbound and westbound 11 Mile Road Service Drives of the I-696 Expressway were conducted.

At the Lathrup Boulevard and 11 Mile Road eastbound intersection there were 15 total reported crashes, 3 angle type, 7 rear-end type, 2 side-swipe same direction type, 1 side-swipe opposite directions type, and 2 reported as other type. Of these crashes, 4 resulted in injuries.

At the Lathrup Boulevard and 11 Mile Road westbound intersection there were 33 total reported crashes, 1 single vehicle type, 18 angle type, 11 rear-end type, 2 side-swipe same direction type, and 1 reported as other type. Of these crashes, 9 resulted in injuries with 3 of these serious type A.

#### SUMMARY OF VOLUME DATA

During April of 2023, traffic volume counts were collected on Lathrup Boulevard at three locations, south of eastbound 11 Mile Road, north of westbound 11 Mile Road, and on the bridge over I-696. During October of 2018 and September of 2021, traffic volumes were collected on eastbound and westbound 11 Mile Road. The locations and Average Daily Traffic (ADT) volume data is summarized below:

- Lathrup Blvd South of EB 11 Mile Rd, ADT = 985 vehicles, NB = 660 vehicles, SB = 322 vehicles
- Lathrup Blvd North of WB 11 Mile Rd, ADT = 628 vehicles, NB = 221 vehicles, SB = 407 vehicles
- Lathrup Blvd on the Bridge over I-696, ADT = 464 vehicles, NB = 148 vehicles, SB = 318 vehicles
- Eastbound 11 Mile Rd, East of Southfield Rd, ADT = 18,888 vehicles
- Westbound 11 Mile Rd, East of Southfield Rd, ADT = 13,822 vehicles

There are approximately 19,866 vehicles entering the Lathrup Boulevard and 11 Mile Road eastbound intersection on an average weekday. There are approximately 14,377 vehicles entering the Lathrup Boulevard and 11 Mile Road westbound intersection on an average weekday. See the attached volume count reports.

#### INTERSECTION EVALUATION

One of the warrants in the Michigan Manual on Uniform Traffic Control Devices (MMUTCD) for consideration of a traffic signal installation is crash experience. The crash experience signal warrant conditions are intended for application where the severity and frequency of crashes are the principle reasons to consider installation of a traffic signal. The warrant states, five or more reported crashes within a 12-month period, each crash involving personal injury or property damage apparently exceeding the applicable requirements for a reportable crash.

The Lathrup Boulevard and 11 Mile Road westbound intersection crash experience is meeting the conditions to consider installation of a traffic signal. However, Due to the location of this intersection in relation to the I-696 westbound exit ramp and the existing traffic signal at the crossover bridge to the west. Installation of a traffic signal is not recommended and alternative proposals should be considered.

#### **CONCLUSIONS AND RECOMMENDATIONS**

Due to high traffic volumes, roadway geometric conditions, and traffic crash history, a recommended proposal to consider for improving the overall safety of these two intersections of Lathrup Boulevard with the eastbound and westbound 11 Mile Road Service Drives, is closure of the bridge over I-696 to all vehicular traffic except emergency vehicles only. This would also include prohibiting pedestrians and bicyclist from using the bridge.

Page 3 of 3 Chief McKee June 5, 2023

Temporary closure of the bridge to see if it reduces crashes at the two intersections could be done on a trial bases before moving forward with a permanent closure. A temporary signage plan limiting access for emergency vehicles only and restricting vehicular traffic on northbound and southbound Lathrup Boulevard to a right turn movement only, furthermore, directing pedestrians and bicyclist to Southfield Road to cross I-696, has been prepared by the city's engineers, Giffels-Webster.

Vehicular traffic prevented from using the bridge can continue easterly or westerly on the respective 11 Mile Road Service Drive to the next provided crossover of the I-696 expressway.

Thank you for being a safety partner. Please don't hesitate to contact us if you have any questions or comments.

Respectfully,

Chuck Keller, P.E.
Director of Engineering
Chief Traffic Engineer
Attachments



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Commissioner
Road Commission for Oakland County

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Department of Public Services
City of Rochester Hills

## DESI UJKASHEVIC

Global Director of Safety Ford Motor Company

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Director of Central Services Oakland County

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#### RAPHAEL WASHINGTON

Wayne County

#### ANTHONY M. WICKERSHAM

Macomb County

June 7, 2021

Scott McKee
Chief of Police
City of Lathrup Village
27400 Southfield Road
Lathrup Village, MI 48076

#### RE: 11 Mile Road and Lathrup Boulevard Bicycle Route Crossings

Dear Chief McKee:

At your request the Transportation Improvement Association (TIA) reviewed the intersections of Lathrup Boulevard and the 11 Mile Road, eastbound and westbound, service drives of the I-696 expressway with respect to the safety of the bike route crossings.

Several site visits by TIA were made to observe traffic operations at these intersections during different time periods throughout a typical day. During one visit, TIA met with the city's consulting engineers, Giffels Webster. Upon observation, concerns for ability of bicyclist to have sufficient acceptable gaps in the flow of traffic, especially at the westbound 11 Mile Road location, resulted in a unanimous conclusion that an alternative crossing location needed consideration.

Upon further discussion and subsequent to a meeting held at City Hall on June 3, 2021 to discuss the issue and alternative bike route crossing locations, it was a recommendation of TIA, and a unanimous decision of those present, to have bicyclist directed to use the sidewalks along the 11 Mile Road service drives to Southfield Road where they can use the signalized intersection with pedestrian crossing indications to safely cross the 11 Mile Road service drives.

Bicyclist will be required to walk their bikes when using the sidewalks. Giffels Webster Engineers will be revising the bike route signing plan to reflect this requirement and the revised route. TIA has offered to review this revised signing plan when completed.

At the location of northbound Southfield Road and eastbound 11 Mile Road, there has been concerns for pedestrian safety, whereas, there's a dual right turn movement allowed. Upon review, it was determined that a "Watch for Pedestrians While Turning" sign was missing from the median location on the north side of eastbound 11 Mile Road. It was also observed that the existing "Watch for Pedestrians While Turning" sign on the east side of Southfield Road, prior to the intersection is in poor condition. These sign observations have been reported by TIA to the Road Commission for Oakland County (RCOC) for investigation and correction. RCOC informed TIA that a two second leading pedestrian interval has been programed into the intersection signal timing plan to allow for pedestrians to enter this crossing where they can more easily be seen before the turning traffic is released.

Thank you for being a safety partner. Please don't hesitate to contact me if you have any questions or comments.

Page 2 McKee June 7, 2021

Respectfully,

Chuck Keller, P.E.

Director of Engineering
Chief Traffic Engineer
Transportation Improvement Association
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Troy, Michigan 48083
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(248) 475-3434 Fax

ckeller@tiasafety.us www.tiasafety.us



#### Crash Report, 11 Mile Rd (EB) & Lathrup Blvd

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		•	,	feet W of LA							<b>D:</b> 2139308
Crash Dat				Hour: 7pm		e <b>r:</b> clear	Roadway		•	ark/unltd	
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CVT: Lathr	rup Village	Ar	ea: stra	aight 	HBD: N	l	Drugs: N	1 (	Compla	int No: 200	011069 ———
Unit No	Veh Dir	Action Pri	or	Event 1	Event	2 Event	t 3 Event	4 Haz	Action	Veh Type	Damage
1	W	slow/stop o	n rd	veh in transp		none	none	none		car	ctrrear
2	W	slow/stop o	n rd	veh in transp	ot none	none	none	none		car	ctrfront
UD-10: 21	39308										
#2 Locatio	on: W 11 N	MILE RD (1.	86) 4 f	eet W of LATI	HRUP BL	/D				Crash I	<b>D</b> : 2139309
Crash Dat	t <b>e:</b> 11/01/2	2020 <b>Da</b>	<b>y:</b> Sun	Hour: 6pm	Weath	<b>er:</b> clear	Roadwa	<b>y:</b> dry	<b>Light</b> : d	ark/unltd	
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2	E	right turn	VE	h in transpt	none	none	none	none		car	ctrrear
JD-10: <mark>21</mark>	39309										
#3 Locatio	on: W 11 N	MILE RD (1.	86) 1 f	eet W of LATI	HRUP BL\	/D				Crash I	<b>D</b> : 2167022
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njuries K	: 0	Inj	<b>A:</b> 0	<b>Inj B</b> : 0	Inj C: (	0	Inj 0: 1		How: ot	her	
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JD-10: <mark>21</mark>	67022										
#4 Location	on: W 11 N	MILE RD (1.	86) 1 f	eet W of LATI	HRUP BL\	/D				Crash I	<b>D</b> : 2173842
Crash Dat		•	,	Hour: 8am	Weathe		Roadwa	ıy: wet	Light: c	day	
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CVT: Lathr	rup Village	Are	<b>a:</b> w/i i	ntersection	HBD: N		Drugs: 1	N	Compla	aint No: 200	0012355
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	•	ight turn		n transpt nor	•	none	•		one	car	rtside
3		•		n transpt traf		st none	no	one ui	nknown	car	Iftside
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#5 Locatio	on: W 11 N	MII F RD (1	82) 20	1 feet W of LA	ATHRUP F	3I VD				Crash I	<b>D</b> : 2217310
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CVT: Lathr		-	ea: stra	-	HBD: N		Drugs: N			int No: 210	001331
		Action Pri		vent 1		Event 3				Veh Type	Damage
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4/28/2023, 2:02 PM 1 of 5

2 <b>JD-10</b> : <mark>22</mark>	E 17310	go straight	veh in transpt	none	none	none	none		car	Iftside
Crash Dat njuries K	e: 03/09/2	2021 <b>Day:</b> 7 Inj <b>A</b> :			er: clear	Roadway Inj 0: 0 Drugs: N		Light: o	day	<b>D</b> : 2235391
Unit No 1 JD-10: 22	E	Action Prior				Event 4 none	Haz Ad	ction	Veh Type car	<b>Damage</b> ctrfront
7 Locatio	on: W 11 N e: 06/15/2	` ,	0 feet W of LATI Tue <b>Hour:</b> 5pm 0 <b>Inj B:</b> 0		er: clear	Roadway	<b>y:</b> dry	Light: 6	day	<b>D</b> : 2307041
CVT: Lathr	up Village	Area:	w/i intersection	HBD: N	l	Drugs: N	1	Compl	aint No: 210	005378
Unit No 1 2 JD-10: 23	N E	Action Prior right turn go straight	Event 1 veh in transpt veh in transpt	Event 2 none none	Event 3 none none	Event 4 none none		<b>ction</b> to yield	Veh Type car car	Damage Iftfront rtside
8 Location	n: LATHF	RUP BLVD (0.4	8) 49 feet S of W	11 MILE I	RD				Crash I	<b>D</b> : 2431031
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	e: 11/14/2	,	Sun <b>Hour:</b> 6pm			Roadway	: wet	Light:	dark/unltd	
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CVT: Lathr	up Village	Area:	straight	HBD: N		Drugs: N		Compl	aint No: 210	010304
Unit No	Veh Dir	<b>Action Prior</b>	Event 1	Event 2	Event	3 Event 4	4 Haz	Action	Veh Type	Damage
1	E	unknown	veh in transpt	none	none	none	unkn		car	Iftrear
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JD-10: 24		/ 44 MULE DD /	1 0E) 04 fa -± \^/	ti ATUDI	וח פו עים				0	D. 0470077
Crash Dat njuries K	e: 12/22/2	2021 <b>Day:</b> V <b>Inj A:</b> (	1.85) 21 feet W c Ved Hour: 12pr O Inj B: 3 straight		<b>ier</b> : clear 0	Roadwa Inj 0: 1 Drugs:				<b>D:</b> 2476877
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1	E	change lanes	veh in transpt	none	none	none	imprp I	ane use	car	Iftfront
2	E 76077	go straight	ran off road/l	overturn	none	none	none		car	rtfront
ID 40: 04	10011	MUE DD (1.5)	\ 75	D   A=	ID 511 75					<b>D</b> 055555
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### **UD-10**: 2555698

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1	W	go straight	veh in transpt	none	none	none	unable to	stop	car	Iftfront
2	W	stop on road	veh in transpt	none	none	none	none		truck/bus	rtrear
3	W	go straight	veh in transpt	none	none	none	unable to	stop	car	ctrfront
UD-10: <mark>262</mark>	5897									
#13 Locati	on: EB W	/ 11 MILE RD (	1.87) 49 feet E of	f LATHRU	P BLVD				Crash II	<b>D:</b> 2651817
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2	E	go straight	veh in transpt	none	none	none	none		car	ctrrear
UD-10: 265	1817									
#14 Locati	on: W 11	MILE RD (1.85	5) 9 feet W of LAT	THRUP BL	VD				Crash II	<b>D:</b> 2673415
Crash Date	e: 09/01/2	2022 <b>Day:</b> T	Thu <b>Hour:</b> 7pm	Weathe	r: clear	Roadway	y: dry Li	ght: da	ay	
Injuries K:	0	Inj A:	0 <b>Inj B</b> : 0	<b>Inj C:</b> 0		<b>Inj 0</b> : 2	Н	ow: rr-	end	
CVT: Lathro	ıp Village	Area:	straight	HBD: N	İ	Drugs: N	l Co	omplai	nt No: 220	010306
Unit No	Veh Dir	Action Prior	Event 1	Event 2	Prent 3	Event 4	Haz Acti	on	Veh Type	Damage
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1 2 <b>UD-10</b> : 267	E E '3415	go straight slow/stop on ro	veh in transpt	none none	none none	none	unable to		car car	ctrfront ctrrear
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1 2 <b>UD-10:</b> 267 #15 <b>Locati</b>	E E '3415 on: EB W	go straight slow/stop on ro	veh in transpt d veh in transpt 1.85) 21 feet W c Non <b>Hour:</b> 9am	none none	none none JP BLVD	none none	unable to none y: dry Li	stop	car car Crash II	ctrfront
1 2 <b>UD-10: 267</b> #15 <b>Locati</b> <b>Crash Date</b>	E E 23415 on: EB W e: 11/21/2	go straight slow/stop on ro / 11 MILE RD (* 2022 <b>Day:</b> N Inj A: (*	veh in transpt d veh in transpt 1.85) 21 feet W c Non <b>Hour:</b> 9am	none none the horizontal none note that the horizontal none	none none JP BLVD er: clear	none none Roadwa	unable to none y: dry Li Ho	ght: da	car car Crash II	ctrfront ctrrear <b>D:</b> 2754576
1 2 UD-10: 267 #15 Locati Crash Date Injuries K: CVT: Lathro	E E 73415 on: EB W P: 11/21/2 0 up Village	go straight slow/stop on ro / 11 MILE RD (* 2022 <b>Day:</b> N Inj A: (*	veh in transpt d veh in transpt 1.85) 21 feet W o Non Hour: 9am 0 Inj B: 0	inone inone  In LATHRU  Weathe Inj C: 0  HBD: N	none none  JP BLVD er: clear	none none Roadway Inj 0: 2 Drugs: N	unable to none y: dry Li Ho	ght: da	car car Crash II	ctrfront ctrrear <b>D</b> : 2754576
1 2 UD-10: 267 #15 Locati Crash Date Injuries K: CVT: Lathro	E E 73415 on: EB W P: 11/21/2 0 up Village	go straight slow/stop on ro / 11 MILE RD (* 2022 Day: N Inj A: (* Area: s	veh in transpt d veh in transpt 1.85) 21 feet W o Mon Hour: 9am 0 Inj B: 0 straight	inone inone  of LATHRU  Weathe Inj C: 0  HBD: N	none none  JP BLVD er: clear	none none Roadway Inj 0: 2 Drugs: N	unable to none y: dry Li Ho I Co	ght: da ow: rr- omplai	car car Crash II ay end int No: 220	ctrfront ctrrear <b>D</b> : 2754576

## **Crash Type**

	<b>7</b> 1: -
Count	Туре
0	uncoded
0	single
0	head-on
0	head-on/lt
3	angle
7	rr-end
0	rr-end/lt
0	rr-end/rt
2	ss-same
1	ss-opp
0	back
2	other
0	unknown
Totals:	15

### **Light Conditions**

Count	Туре
0	uncoded
10	day
1	dawn
0	dusk
1	dark/ltd
3	dark/unltd
0	other
0	unknown
Totals:	15

#### Weather

Count	Туре
0	uncoded
13	clear
0	smoke
2	cloudy
0	fog
0	rain
0	snow
0	wind
0	sleet/hail
0	blowing snow
0	blowing sand
0	unknown
Totals:	15

#### **Road Condition**

Count	Туре
0	uncoded
12	dry
0	oily
3	wet
0	ice
0	snow
0	mud
0	slush
0	debris
0	water
0	sand
0	other
0	unknown
Totals:	15

## **Crashes By Month**

Count	Туре
0	January
1	February
2	March
0	April
0	May
2	June
1	July
0	August
1	September
1	October
4	November
3	December
Totals:	15

## **Hazardous Action**

Count	Туре
15	none
1	speeding
0	imprp/no signal
0	imprp backing
7	unable to stop
0	other
3	unknown
0	reckls driving
0	carels driving
0	spd too slow
3	failed to yield
0	disrgd traffic cntrl
0	wrong way
0	left of center
0	imprp passing
1	imprp lane use
0	imprp turn
Totals:	30

## **Unit Type**

Count	Туре
0	Bicyclist
0	Engineer
30	Vehicle
0	Pedestrian
Totals:	30

### **Crashes By Year**

Count	Type
)	2012
)	2013
)	2014
)	2015
)	2016
)	2017
כ	2018
)	2019
1	2020
3	2021
5	2022
)	2023
Totals:	15

## **Crash Severity**

	FATAL	Α	В	С	No Inj	Total
Persons	0	0	3	3	34	40
Crashes	0	0	1	3	11	15

### **Alcohol in Crashes**

	FATAL	PI	PD	Total
Drinking	0	0	0	0
Not Drinking	0	4	11	15
Total	0	4	11	15

## Crashes per Hour by Day

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Unknown	Tota
12a - 1a	0	0	0	0	0	0	0	0	0
1a - 2a	0	0	0	0	0	0	0	0	0
2a - 3a	0	0	0	0	0	0	0	0	0
3a - 4a	0	0	0	0	0	0	0	0	0
4a - 5a	0	0	0	0	0	0	0	0	0
5a - 6a	0	0	0	0	0	0	0	0	0
6a - 7a	0	0	0	0	0	0	0	0	0
7a - 8a	0	0	0	0	0	0	0	0	0
8a - 9a	0	0	1	0	0	1	0	0	2
9a - 10a	0	1	0	0	0	0	0	0	1
10a - 11a	0	0	1	0	0	0	0	0	1
11a - 12p	1	0	1	0	0	0	0	0	2
12p - 1p	0	0	0	1	0	0	0	0	1
1p - 2p	0	0	0	0	0	0	0	0	0
2p - 3p	0	0	0	0	0	0	0	0	0
3p - 4p	0	0	0	0	0	0	0	0	0
4p - 5p	0	0	1	0	0	0	0	0	1
5p - 6p	0	0	2	0	0	0	0	0	2
6p - 7p	2	0	0	0	0	0	0	0	2
7p - 8p	0	0	0	0	1	0	1	0	2
8p - 9p	0	0	0	0	0	0	0	0	0
9p - 10p	0	0	0	0	0	0	0	0	0
10p - 11p	0	0	0	0	0	0	0	0	0
11p - 12a	0	0	0	0	0	1	0	0	1
Unknown Time	0	0	0	0	0	0	0	0	0
Total	3	1	6	1	1	2	1	0	15



### Crash Report, 11 Mile Rd (WB) & Lathrup Blvd

		Printed By: Chuck	Keller	Printed On: 4/28/202
STATE:	MI			
STAT_YEAR:	3-Year			
11 Mile Rd (WB) & Lathrup Blv	d: 3-Year 2020-2022	2		
#1 Location: W ELEVEN MILE	RD (3.73) 0 feet X o	of LATHRUP BLVD		Crash ID: 1932936
	y: Wed Hour: 7am		Roadway: wet Light	: dawn
Injuries K: 0 Inj	<b>A</b> : 0 <b>Inj B</b> : 0	<b>Inj C:</b> 0	Inj 0: 2 How:	angle
CVT: Lathrup Village Ar	ea: w/i intersection	HBD: N	Drugs: N Com	olaint No: 200000310
Unit No Veh Dir Action Pric	or Event 1 Ev	ent 2 E	vent 3 Event 4 Haz Actio	on Veh Type Damage
1 S go straight	veh in transpt oth	er non-fixed obj no	one none failed to y	ield pickup rtrear
2 W go straight	veh in transpt no	ne no	one none none	car rtfront
UD-10: 1932936				
#2 Location: W ELEVEN MILE	RD (3.73) 0 feet X o	of LATHRUP BLVD		Crash ID: 1938260
Crash Date: 01/14/2020 D	ay: Tue Hour: 7am	Weather: clear	Roadway: dry Light:	dawn
Injuries K: 0	j <b>A</b> : 0 Inj B: 0	<b>Inj C:</b> 0	Inj 0: 2 How:	angle
CVT: Lathrup Village A	rea: w/i intersection	HBD: N	Drugs: N Comp	laint No: 200000564
Unit No Veh Dir Action P	rior Event 1	Event 2 Event 3	3 Event 4 Haz Action	Veh Type Damage
1 S go straigh	t veh in transpt	none none	none failed to yield	car Iftfront
2 W go straigh	t veh in transpt	none none	none none	car ctrfront
<b>UD-10:</b> 1938260				
#3 Location: W ELEVEN MILE	RD (3.72) 32 feet W	of LATHRUP BLV	D	Crash ID: 1945482
Crash Date: 01/21/2020 Da	y: Tue Hour: 7am	Weather: cloudy	Roadway: dry Light	: dawn
Injuries K: 0 In	<b>A:</b> 0 <b>Inj B:</b> 0	Inj C: 2	Inj 0: 2 How:	angle
CVT: Lathrup Village A	ea: w/i intersection	HBD: N	Drugs: N Comp	plaint No: 200000841
Unit No Veh Dir Action P	rior Event 1	Event 2 Event 3	B Event 4 Haz Action	Veh Type Damage
		Event 2 Event 3	B Event 4 Haz Action none failed to yield	• •
Unit No Veh Dir Action P	t veh in transpt			•
Unit No Veh Dir Action P  1 S go straigh	t veh in transpt	none none	none failed to yield	pickup Iftside
Unit No Veh Dir Action P 1 S go straigh 2 W go straigh	t veh in transpt t veh in transpt	none none	none failed to yield none none	pickup Iftside
Unit No Veh Dir Action P  S go straigh  W go straigh UD-10: 1945482  #4 Location: W ELEVEN MILE	t veh in transpt t veh in transpt	none none none of SOUTHFIELD F	none failed to yield none none	pickup Iftside car ctrfront  Crash ID: 1987615
Unit No	t veh in transpt t veh in transpt  RD (3.72) 48 feet E y: Sat Hour: 11am A: 0 Inj B: 0	none none none of SOUTHFIELD F Weather: cloudy Inj C: 0	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How:	pickup Iftside car ctrfront  Crash ID: 1987615 : day rr-end
Unit No         Veh Dir         Action P           1         S         go straigh           2         W         go straigh           UD-10: 1945482         UD-10: 1945482           #4 Location: W ELEVEN MILE         Crash Date: 03/14/2020         Date           Injuries K: 0         Injuries K: 0	t veh in transpt t veh in transpt RD (3.72) 48 feet E y: Sat Hour: 11am	none none none none  of SOUTHFIELD F Weather: cloudy	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How:	pickup Iftside car ctrfront  Crash ID: 1987615 : day
Unit No         Veh Dir         Action P           1         S         go straigh           2         W         go straigh           UD-10: 1945482           #4 Location: W ELEVEN MILE           Crash Date: 03/14/2020         Date           Injuries K: 0         Injuries K: 0	t veh in transpt t veh in transpt  RD (3.72) 48 feet E y: Sat Hour: 11am A: 0 Inj B: 0 ea: median	none none none none  of SOUTHFIELD F Weather: cloudy Inj C: 0 HBD: N	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How:	pickup Iftside car ctrfront  Crash ID: 1987615 : day rr-end
Unit No Veh Dir Action P  1 S go straigh 2 W go straigh UD-10: 1945482  #4 Location: W ELEVEN MILE Crash Date: 03/14/2020 Da Injuries K: 0 Inj CVT: Lathrup Village Ar	t veh in transpt t veh in transpt  RD (3.72) 48 feet E y: Sat Hour: 11am A: 0 Inj B: 0 ea: median	none none none none  of SOUTHFIELD F Weather: cloudy Inj C: 0 HBD: N	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How: Drugs: N Comp	pickup Iftside car ctrfront  Crash ID: 1987615 : day rr-end plaint No: 200003170  Veh Type Damage
Unit No Veh Dir Action P  1 S go straigh 2 W go straigh UD-10: 1945482  #4 Location: W ELEVEN MILE Crash Date: 03/14/2020 Da Injuries K: 0 Injuries K: 0 Injuries CVT: Lathrup Village Ar	t veh in transpt t veh in transpt  RD (3.72) 48 feet E y: Sat Hour: 11am A: 0 Inj B: 0 ea: median	none none none  of SOUTHFIELD F Weather: cloudy Inj C: 0 HBD: N  Event 2 Event 3	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How: Drugs: N Comp	pickup Iftside car ctrfront  Crash ID: 1987615 : day rr-end plaint No: 200003170  Veh Type Damage
Unit No Veh Dir Action P 1 S go straigh 2 W go straigh UD-10: 1945482  #4 Location: W ELEVEN MILE Crash Date: 03/14/2020 Da Injuries K: 0 Inj CVT: Lathrup Village Ar Unit No Veh Dir Action P 1 N left turn	t veh in transpt t veh in transpt  RD (3.72) 48 feet E y: Sat Hour: 11am A: 0 Inj B: 0 ea: median  rior Event 1 veh in transpt	none none none none  of SOUTHFIELD F Weather: cloudy Inj C: 0 HBD: N  Event 2 Event 3 none none	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How: Drugs: N Comp  B Event 4 Haz Action none failed to yield	pickup Iftside car ctrfront  Crash ID: 1987615  day rr-end plaint No: 200003170  Veh Type Damage car ctrfront
Unit No Veh Dir Action P  1 S go straigh 2 W go straigh UD-10: 1945482  #4 Location: W ELEVEN MILE Crash Date: 03/14/2020 Da Injuries K: 0 Inj CVT: Lathrup Village Ar  Unit No Veh Dir Action P  1 N left turn 2 N left turn	t veh in transpt t veh in transpt t veh in transpt  RD (3.72) 48 feet E y: Sat Hour: 11am A: 0 Inj B: 0 ea: median rior Event 1 veh in transpt veh in transpt	none none none none  of SOUTHFIELD F Weather: cloudy Inj C: 0 HBD: N  Event 2 Event 3 none none none none	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How: Drugs: N Comp  B Event 4 Haz Action none failed to yield none none	pickup Iftside car ctrfront  Crash ID: 1987615  day rr-end plaint No: 200003170  Veh Type Damage car ctrfront
Unit No Veh Dir Action P  1 S go straigh 2 W go straigh UD-10: 1945482  #4 Location: W ELEVEN MILE Crash Date: 03/14/2020 Da Injuries K: 0 Inj CVT: Lathrup Village Ar  Unit No Veh Dir Action P 1 N left turn 2 N left turn UD-10: 1987615  #5 Location: W ELEVEN MILE	t veh in transpt t veh in transpt t veh in transpt  RD (3.72) 48 feet E y: Sat Hour: 11am A: 0 Inj B: 0 ea: median rior Event 1 veh in transpt veh in transpt	none none none none  of SOUTHFIELD F Weather: cloudy Inj C: 0 HBD: N  Event 2 Event 3 none none none none	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How: Drugs: N Comp  B Event 4 Haz Action none failed to yield none none	pickup Iftside car ctrfront  Crash ID: 1987615  day rr-end plaint No: 200003170  Veh Type Damage car ctrfront car ctrrear  Crash ID: 2027275
Unit No Veh Dir Action P  1 S go straigh 2 W go straigh UD-10: 1945482  #4 Location: W ELEVEN MILE Crash Date: 03/14/2020 Da Injuries K: 0 Inj CVT: Lathrup Village Ar  Unit No Veh Dir Action P 1 N left turn 2 N left turn UD-10: 1987615  #5 Location: W ELEVEN MILE Crash Date: 06/08/2020 Da	t veh in transpt t veh in transpt t veh in transpt  RD (3.72) 48 feet E y: Sat Hour: 11am A: 0 Inj B: 0 ea: median rior Event 1 veh in transpt veh in transpt	none none none none  of SOUTHFIELD F Weather: cloudy Inj C: 0 HBD: N  Event 2 Event 3 none none none none	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How: Drugs: N Comp  B Event 4 Haz Action none failed to yield none none	pickup Iftside car ctrfront  Crash ID: 1987615  day rr-end claint No: 200003170  Veh Type Damage car ctrfront car ctrrear  Crash ID: 2027275 day
Unit No Veh Dir Action P 1 S go straigh 2 W go straigh UD-10: 1945482  #4 Location: W ELEVEN MILE Crash Date: 03/14/2020 Da Injuries K: 0 Inj CVT: Lathrup Village Ar Unit No Veh Dir Action P 1 N left turn 2 N left turn UD-10: 1987615  #5 Location: W ELEVEN MILE Crash Date: 06/08/2020 Da Injuries K: 0 Inj	t veh in transpt t veh in transpt  RD (3.72) 48 feet E y: Sat Hour: 11am A: 0 Inj B: 0 ea: median  rior Event 1 veh in transpt veh in transpt veh in transpt  RD (3.74) 26 feet S ay: Mon Hour: 2pm	none none none none  of SOUTHFIELD F Weather: cloudy Inj C: 0 HBD: N  Event 2 Event 3 none none none none of LATHRUP BLVE	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How: Drugs: N Comp  B Event 4 Haz Action none failed to yield none none  Roadway: dry Light: Inj 0: 2 How:	pickup Iftside car ctrfront  Crash ID: 1987615  day rr-end claint No: 200003170  Veh Type Damage car ctrfront car ctrrear  Crash ID: 2027275 day
Unit No Veh Dir Action P 1 S go straigh 2 W go straigh UD-10: 1945482  #4 Location: W ELEVEN MILE Crash Date: 03/14/2020 Da Injuries K: 0 Inj CVT: Lathrup Village Ar Unit No Veh Dir Action P 1 N left turn 2 N left turn UD-10: 1987615  #5 Location: W ELEVEN MILE Crash Date: 06/08/2020 Da Injuries K: 0 Injuries	t veh in transpt t veh in transpt t veh in transpt  RD (3.72) 48 feet E y: Sat Hour: 11am A: 0 Inj B: 0 ea: median  rior Event 1 veh in transpt veh in transpt veh in transpt veh in transpt i RD (3.74) 26 feet S ay: Mon Hour: 2pm j A: 0 Inj B: 0 rea: w/i intersection	none none none none  of SOUTHFIELD F Weather: cloudy Inj C: 0 HBD: N  Event 2 Event 3 none none none none  of LATHRUP BLVE Meather: clear Inj C: 0 HBD: N	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How: Drugs: N Comp  B Event 4 Haz Action none failed to yield none none  Roadway: dry Light: Inj 0: 2 How:	pickup Iftside car ctrfront  Crash ID: 1987615  day rr-end plaint No: 200003170  Veh Type Damage car ctrfront car ctrrear  Crash ID: 2027275 day angle
Unit No Veh Dir Go straigh  Unit No Veh Dir Go straigh  UD-10: 1945482  #4 Location: W ELEVEN MILE  Crash Date: 03/14/2020 Da  Injuries K: 0 Inj  CVT: Lathrup Village Ar  Unit No Veh Dir Action P  1 N left turn  2 N left turn  UD-10: 1987615  #5 Location: W ELEVEN MILE  Crash Date: 06/08/2020 Da  Injuries K: 0 Inf  CVT: Lathrup Village Ar  CVT: Lathrup Village Ar  CVT: Lathrup Village Ar  CVT: Lathrup Village Ar	t veh in transpt t veh in transpt t veh in transpt  RD (3.72) 48 feet E y: Sat Hour: 11am A: 0 Inj B: 0 ea: median  rior Event 1 veh in transpt veh in transpt veh in transpt veh in transpt i RD (3.74) 26 feet S ay: Mon Hour: 2pm j A: 0 Inj B: 0 rea: w/i intersection rior Event 1	none none none none  of SOUTHFIELD F Weather: cloudy Inj C: 0 HBD: N  Event 2 Event 3 none none none none  of LATHRUP BLVE Meather: clear Inj C: 0 HBD: N	none failed to yield none none  RD  Roadway: dry Light Inj 0: 3 How: Drugs: N Comp  B Event 4 Haz Action none failed to yield none none  Roadway: dry Light: Inj 0: 2 How: Drugs: N Comp	pickup Iftside car ctrfront  Crash ID: 1987615  day rr-end plaint No: 200003170  Veh Type Damage car ctrfront car ctrrear  Crash ID: 2027275 day angle laint No: 200006465  Veh Type Damage

2 <b>UD-10</b> : <b>2</b> 0	W )27275	go straight	veh in transpt	none	none	none	none	car	lftfront
Crash Dat Injuries K	<b>te:</b> 06/16/2	020 <b>Day</b> : Inj <b>A</b> :	(3.73) 21 feet S Fue Hour: 4pm 0 Inj B: 0 straight		r: clear	Roadway Inj 0: 3 Drugs: N	How: ar	lay	<b>D</b> : 2031468
Unit No 1 2 UD-10: 20	S W	0	Event 1 E veh in transpt or veh in transpt ra		obj none	none none	4 Haz Action failed to yield none		Damage Iftside ctrfront
Crash Date Injuries K	te: 06/18/2 :: 0 rup Village	2020 <b>Day:</b> Inj <b>A</b> :	w/i intersection	Weathe Inj C: 1 HBD: N	r: clear	Roadway Inj 0: 1 Drugs: N	How: a	lay ngle <b>aint No:</b> 2000	
1 2 <b>UD-10: 2</b> 0	S g W g	o straight v	eh in transpt ran eh in transpt non	off road/l 1	Event 3 traffic sign none		•		Iftside ctrfront
Crash Dat Injuries K	<b>te:</b> 07/10/2	2020 <b>Day:</b> Inj A:	(3.70) 148 feet E Fri <b>Hour:</b> 4pm 0 <b>Inj B:</b> 0 straight	of SOUT Weather Inj C: 0 HBD: N	r: rain F I	RD Roadway: nj 0: 3 Drugs: N	How: rr-	ay	<b>D</b> : 2049244 07461
Unit No 1 2 UD-10: 20	W W	Action Prior go straight go straight	Event 1 veh in transpt veh in transpt	Event 2 none none	Event 3 none none		Haz Action unable to stop none	Veh Type car car	Damage ctrfront ctrrear
Crash Dat Injuries K	<b>te:</b> 07/14/2	020 <b>Day:</b> Inj <b>A</b> :	(3.73) 21 feet S Fue <b>Hour:</b> 4pm 0 <b>Inj B:</b> 0 straight		r: clear	Roadway Inj 0: 2 Drugs: N	How: ar	lay	<b>D</b> : 2050678
Unit No 1 2 UD-10: 20	S W	Action Prior go straight go straight	Event 1 veh in transpt veh in transpt	Event 2 none none	Event 3 none none	Event 4 none none	Haz Action failed to yield none	Veh Type car car	Damage Iftside ctrfront
Crash Dat Injuries K	<b>te</b> : 08/25/2	020 <b>Day:</b> Inj <b>A</b> :	5) 100 feet E of L Γue <b>Hour:</b> 7am 0 <b>Inj B:</b> 0 straight		r: clear	Roadway Inj 0: 2 Drugs: N	How: rr	lay	<b>D</b> : 2080575
Unit No 1 2 UD-10: 20	W W	Action Prior go straight slow/stop on r	Event 1 veh in transpt veh in transpt	none	Event 3 none none	Event 4 none none	Haz Action unable to stop none	Veh Type pickup car	Damage ctrfront ctrrear
Crash Dat	<b>te:</b> 09/19/2	2020 <b>Day:</b> S <b>Inj A:</b>	O (3.72) 30 feet V Sat <b>Hour:</b> 5pm 0 <b>Inj B:</b> 0 w/i intersection		r: clear	Coadway Inj 0: 0 Drugs: N	How: a	lay	<b>D</b> : 2102990

Unit No 1 2 UD-10: 21	S W	Action Prior go straight go straight	Event 1 veh in transpt veh in transpt	Event 2 other pole none	Event 3 none none	Event 4 none none	Haz Action failed to yield none	Veh Type car car	Damage Iftfront ctrfront
#12 Locati Crash Dat Injuries K: CVT: Lathr	e: 09/24/2 : 0	2020 <b>Day</b> : Inj A:				BLVD <b>Roadway:</b> <b>Inj 0:</b> 2 <b>Drugs:</b> N	How: r	day	<b>D:</b> 2102993
Unit No 1 2 UD-10: 21	W W	Action Prior go straight stop on road	veh in transpt		Event 3 none none	none ι	Haz Action unable to stop none	Veh Type car car	Damage rtfront ctrfront
#13 Locati Crash Dat Injuries K: CVT: Lathr	e: 09/30/2 : 0	2020 <b>Day:</b> V <b>Inj A:</b> 0	.53) 0 feet X of W Wed <b>Hour:</b> 10an O <b>Inj B:</b> 0 w/i intersection			Roadway Inj 0: 2 Drugs: N	How:	day	<b>D</b> : 2109823
Unit No 1 2 UD-10: 21	E	Action Prior left turn go straight	Event 1 veh in transpt veh in transpt	Event 2 none none	Event 3 none none	Event 4 none none	Haz Action unknown none	Veh Type car car	Damage none Iftside
Crash Dat Injuries K: CVT: Lathr	e: 10/21/2 : 0 rup Village	2020 <b>Day:</b> \ <b>Inj A:</b>	w/i intersection		: clear	Roadway: Inj 0: 3 Drugs: N	How: a	day	D: 2129243 010725  Damage
1 2 <b>UD-10: 2</b> 1	N W 29243	go straight go straight	veh in transpt veh in transpt		none none		failed to yield none	car car	rtfront Iftfront
#15 Locati Crash Dat Injuries K: CVT: Lathr	e: 10/27/2 : 0	2020 <b>Day</b> : Inj <b>A</b> :	(3.73) 10 feet W Tue Hour: 10pi 0 Inj B: 0 w/i intersection		er: rain	Roadway Inj 0: 1 Drugs: N	How:	Crash I dark/ltd single plaint No: 21	<b>D:</b> 2120146
Unit No	NW	Action Prior right turn	Event 1 I	Event 2 an off road/	<b>Event</b> I utility p	3 Event	4 Haz Actio speeding	n Veh Type car	Damage rtfront
1 <b>UD-10: 21</b> :	20146								
1 <b>UD-10: 21</b>	ion: W 11 e: 12/16/2	2020 <b>Day:</b> \ <b>Inj A:</b>	3) 1 feet W of LA Wed <b>Hour:</b> 7pm 0 <b>Inj B:</b> 0 straight			Roadway Inj 0: 2 Drugs: N	How: a	dark/ltd	<b>D</b> : 2173134
1 UD-10: 21: #16 Locati Crash Dat Injuries K: CVT: Lathr	ion: W 11 ie: 12/16/2 : 0 rup Village Veh Dir S W	2020 <b>Day:</b> \ <b>Inj A:</b>	Wed <b>Hour:</b> 7pm 0 <b>Inj B:</b> 0 straight	Weather Inj C: 0 HBD: N Event 2 none	: snow	Inj 0: 2 Drugs: N Event 4 none	How: a	dark/ltd angle	

Unit No 1 2 UD-10: 22	W W	Action Prior go straight stop on road	Event 1 veh in transpt veh in transpt	Event 2 none none	Event 3 none none	Event 4 none none		ction to stop	Veh Type car car	Damage ctrfront ctrrear
#18 Locati Crash Dat Injuries K: CVT: Lathr	<b>e:</b> 07/09/2 : 0	2021 <b>Day</b> : F	3.76) 148 feet E Fri <b>Hour:</b> 8pm 0 <b>Inj B:</b> 0 straight		<b>r:</b> clear	LVD Roadway Inj 0: 2 Drugs: N		Light: d How: rr- Compla	ay	<b>D</b> : 2327416
Unit No 1 2 UD-10: 23	W W				none		laz Actionista			Damage ctrfront ctrrear
#19 Locati Crash Date Injuries K: CVT: Lathr	<b>e:</b> 08/09/2 : 0	2021 <b>Day</b> : N			<b>er:</b> clear )	VD Roadwa Inj 0: 2 Drugs: I		Light: 0 How: s Comple	day	<b>D:</b> 2348722 006802
Unit No 1 2 UD-10: 234	W W	Action Prior change lanes change lanes	Event 1 veh in transpi	t none	2 Event none none	3 Event none none	4 Haz / unkn unkn	own	Veh Type car pickup	Damage Iftrear rtfront
#20 Locati Crash Dat Injuries K: CVT: Lathr	<b>e:</b> 08/28/2 : 0	2021 <b>Day:</b> S <b>Inj A:</b>	i) 158 feet E of I Sat <b>Hour</b> : 6pm 0 <b>Inj B:</b> 0 straight		er: clear	Roadwa Inj 0: 1 Drugs: N		Light: o How: rr Comple	lay	<b>D:</b> 2386478
Unit No 1 2 UD-10: 238	W W	Action Prior go straight stop on road	Event 1 veh in transpt veh in transpt	Event 2 none none	Event 3 none none	Event 4 none none	Haz Ad unable none		Veh Type car car	Damage ctrfront ctrrear
#21 Locati Crash Dat Injuries K: CVT: Lathr	<b>e:</b> 11/02/2 : 0	021 <b>Day:</b> T <b>Inj A:</b> 0	-		r: cloudy	Roadwa Inj 0: 2 Drugs:		Light: 6 How: r	dawn	<b>D:</b> 2431029
Unit No 1 2 UD-10: 243	s s	Action Prior go straight stop on road	Event 1 veh in transpt veh in transpt	Event 2 none none	Event 3 none none	Event 4 none none	Haz Ad unable none		Veh Type car car	Damage ctrfront ctrrear
#22 Locati Crash Dat Injuries K: CVT: Lathr	<b>e:</b> 11/12/2 : 0	021 <b>Day:</b> F	i) 97 feet E of LA Fri <b>Hour:</b> 6am 1 <b>Inj B:</b> 1 straight		<b>r:</b> clear	Roadway Inj 0: 0 Drugs: N	•	Light: d How: rr- Compla	awn	<b>D:</b> 2449065 010224
Unit No 1 2 UD-10: 244	W W	Action Prior go straight go straight	Event 1 veh in transpt veh in transpt	none	Event 3 none none		Haz Act unable to none		Veh Type car motorhome	Damage multiple Iftrear
#23 Locati Crash Date Injuries K:	<b>e:</b> 12/15/2	2021 <b>Day:</b> V <b>Inj A:</b> (	yed Hour: 4pr O Inj B: 0 w/i intersection		er: clear	Roadwa	n <b>y:</b> dry	Light: d	day	<b>D:</b> 2469756

	Veh Dir	Action Prior	Event 1			Event 4			Veh Type	Damage
1	N W	go straight go straight	veh in transpt veh in transpt	none none	none none	none none	failed to	yieia	car car	ctrfront lftside
ے JD-10: <mark>24</mark> 6		go on aigin	Ton in transpt	.10110	10110	110110	110110		Jul .	
24 Locati	ion: WB V	V 11 MILE RD (	3.73) 1 feet E of	SB LATHI	RUP BLVI	)			Crash I	<b>D</b> : 2509158
Crash Date			ed <b>Hour:</b> 7am			- Roadway:	snow	Light:		
njuries K:	0	<b>Inj A</b> : 0	<b>Inj B</b> : 0	Inj C: 2		Inj 0: 1		How: a	ingle	
CVT: Lathr	up Village	Area: v	//i intersection	HBD: N		Drugs: N		Compl	aint No: 220	0000988
Unit No	Veh Dir A	Action Prior Ev	ent 1 Eve	nt 2	Event 3	Eve	nt 4 Haz	Action	ı Veh Tvp	e Damage
1	S g	o straight ve	h in transpt non	е	none	non	e faile	ed to yie		Iftside
2	_	-	h in transpt ran	off road/l	traffic sigr	n post non		-	car	ctrfront
3	W g	o straight ve	h in transpt non	е	none	non	e non	е	car	Iftfront
JD-10: 250	09158									
25 <b>Locati</b>	ion: W 11	MILE RD (3.72	) 50 feet W of LA	ATHRUP E	BLVD				Crash I	<b>D:</b> 2561013
Crash Date	<b>e:</b> 04/04/2	022 <b>Day:</b> M	on <b>Hour</b> : 4pm	Weathe	r: cloudy	Roadwa	ı <b>y</b> : dry	Light: d	day	
njuries K:		<b>Inj A:</b> 0	<b>Inj B:</b> 0	<b>Inj C</b> : 0		<b>Inj 0</b> : 2		How: rr	-end	
CVT: Lathr	up Village	Area: s	traight	HBD: N		Drugs:	N	Compl	aint No: 220	0003941
Unit No		<b>Action Prior</b>		Event 2	Event 3	Event 4			Veh Type	_
1	W	stop on road	loss of control	none	none	none	unable t	o stop	car	ctrfront
2	W	stop on road	veh in transpt	none	none	none	none		car	ctrrear
JD-10: 256										
		•	53) 0 feet X of W							<b>D</b> : 2576267
Crash Date		•	ue <b>Hour:</b> 4pm	Weather	r: cloudy	Roadwa		Light: d	-	
njuries K:		Inj A: 0	-	Inj C: 0		Inj 0: 2		How: a	•	004960
CVT: Lathr	up village	Area: V	v/i intersection	HBD: N		Drugs:	<u> </u>	Compi	aint No: 220	
	-	Action Prior	Event 1		Event 3				Veh Type	Damage
1	S	go straight	veh in transpt	none	none	none	failed to	yield	car	ctrfront
2	W	go straight	veh in transpt	none	none	none	none		car	rtfront
JD-10: 257		= == /2 ==	\							
‡27 Locati Crash Dat		,	) 99 feet E of LA ue <b>Hour:</b> 3pm			Roadway	v dry I	<b>₋ight</b> : d		<b>D</b> : 2602970
njuries K:		Inj A:	•	Inj C: 0	i. Geal	Inj 0: 2		low: rr-	-	
CVT: Lathr		-	straight	HBD: N		Drugs: N			int No: 220	006108
Unit No	Veh Dir	Action Prior	Event 1	Event 2	Event 3	Event 4	Haz Act	ion	Veh Type	Damage
1	W	go straight	veh in transpt	none	none	none	unable t		car	Iftfront
2	W	stop on road	veh in transpt	none	none	none	none	-	car	rtrear
JD-10: 260	02970									
28 Locati	ion: W 11	MILE RD (3.73	) 4 feet E of LAT	HRUP BL	VD				Crash I	<b>D</b> : 2604606
Crash Date	<b>e:</b> 05/31/2	022 <b>Day:</b> T	ue <b>Hour:</b> 3pm	Weathe	e <b>r:</b> clear	Roadway	<b>/</b> : dry <b>L</b>	<b>_ight</b> : d	ay	
njuries K:		Inj A:	-	<b>Inj C:</b> 0		<b>Inj 0</b> : 2		<b>low:</b> ar	-	
CVT: Lathr	up Village	Area:	w/i intersection	HBD: N		Drugs: N	<u> </u>	Compla	int No: 220	006382
		Action Prior	Event 1	Event 2	Event 3	Event 4			Veh Type	Damage
Unit No	S	go straight	veh in transpt	none	none	none	failed to	yield	car	ctrrear
1	W	go straight	veh in transpt	none	none	none	none		car	ctrfront
1 2										
1										
1 2 <b>JD-10:</b> 260	04606	MILE RD (3.73	) 4 feet W of LAT	THRUP BL	.VD				Crash I	<b>D:</b> 260888
1 2 J <b>D-10</b> : 260	04606 ion: W 11 e: 06/03/2	•	ri <b>Hour:</b> 2pm	THRUP BL Weathe	r: clear	Roadway	<b>/</b> : dry <b>L</b>	<b>.ight</b> : d		<b>D:</b> 2608887

	up Village	Area:	w/i intersection	HBD: N		Drugs: N	Compla	int No: 220	006504
Unit No	Veh Dir	Action Prior	Event 1	Event 2	Event 3	Event 4	Haz Action	Veh Type	Damage
1	S	go straight	veh in transpt	none	none	none	failed to yield	car	Iftside
2	W	go straight	veh in transpt	none	none	none	none	car	ctrfront
UD-10: 260	08887								
		•	53) 5 feet S of 11						<b>D</b> : 2630942
Crash Dat		-	ue <b>Hour:</b> 3pm	Weather	: cloudy	Roadway		•	
Injuries K:		Inj A: (	•	<b>Inj C</b> : 0		<b>Inj 0</b> : 2	How: a	•	
CVT: Lathr	up Village	Area:	straight 	HBD: N		Drugs: N	Compl	aint No: 220	0007801
Unit No	Veh Dir	<b>Action Prior</b>	Event 1	Event 2	Event 3	Event 4	Haz Action	Veh Type	Damage
1	W	go straight	veh in transpt	none	none	none	failed to yield	car	rtfront
2	S	go straight	veh in transpt	none	none	none	none	truck/bus	Iftside
UD-10: 26	30942								
#31 Locati	ion: W 11	MILE RD (3.73	) 2 feet W of LAT	HRUP BL	VD			Crash I	<b>D</b> : 2709486
Crash Dat	e: 10/08/2	022 <b>Day:</b> 9	Sat <b>Hour:</b> 2pm	Weathe	<b>r:</b> clear	Roadway	: dry Light: d	lay	
Injuries K:	: 0	Inj A:	0 <b>Inj B:</b> 1	<b>Inj C</b> : 0		<b>Inj 0</b> : 3	How: a	ngle	
CVT: Lathr	up Village	Area:	w/i intersection	HBD: N		Drugs: N	Comple	int No: 220	011900
Unit No	Veh Dir	Action Prior	Event 1 E	vent 2	Event	3 Event	4 Haz Action	Veh Type	Damage
1	S	go straight	veh in transpt ve	eh in trans	pt none	none	failed to yield	l car	Iftfront
2	W	go straight	veh in transpt n	one	none	none	none	car	ctrfront
3	N	stop on road	veh in transpt n	one	none	none	none	car	ctrfront
UD-10: 270	09486							0	
		MILE RD (3.69	) 199 feet W of L	ATHRUP	BLVD			Crasn I	<b>D</b> : 2732339
UD-10: 270 #32 Locati Crash Date	ion: W 11	•	) 199 feet W of L Fri <b>Hour:</b> 3pm	ATHRUP   Weather		Roadway:	dry <b>Light</b> : d		<b>D:</b> 2732339
#32 Locati Crash Dat	ion: W 11 e: 10/28/2	•	Fri <b>Hour:</b> 3pm		: clear I	Roadway: nj 0: 2	dry <b>Light</b> : d	ay	<b>D</b> : 2732339
#32 Locati Crash Dat Injuries K:	ion: W 11 e: 10/28/2 : 0	022 <b>Day:</b> Inj <b>A</b> :	Fri <b>Hour:</b> 3pm	Weather	: clear I	_	How: ss	ay	
#32 Locati Crash Dat Injuries K: CVT: Lathr	ion: W 11 e: 10/28/2 : 0 ·up Village	022 <b>Day:</b> Inj <b>A</b> :	Fri <b>Hour:</b> 3pm 0 <b>Inj B:</b> 0	Weather Inj C: 0	: clear I I	nj 0: 2 Drugs: N	How: ss Compla	ay -same	
#32 Locati Crash Dat Injuries K: CVT: Lathr	ion: W 11 e: 10/28/2 : 0 ·up Village	Day: Finj A: Area:	Fri <b>Hour:</b> 3pm 0 <b>Inj B:</b> 0 straight	Weather Inj C: 0 HBD: N	: clear I I	nj 0: 2 Drugs: N	How: ss Compla	ay -same <b>int No:</b> 2200	012787
#32 Locati Crash Dat Injuries K: CVT: Lathr Unit No	ion: W 11 e: 10/28/2 : 0 rup Village Veh Dir	Day: Finj A: Area:  Action Prior	Fri Hour: 3pm 0 Inj B: 0 straight Event 1	Weather Inj C: 0 HBD: N	: clear I I I Event 3	nj 0: 2 Drugs: N Event 4	How: ss Compla Haz Action	ay -same int No: 2200 Veh Type	Damage
#32 Locati Crash Dat Injuries K: CVT: Lathr Unit No	ion: W 11 e: 10/28/2 : 0 rup Village Veh Dir W	Day: Finj A: Area:  Action Prior change lanes	Fri Hour: 3pm 0 Inj B: 0 straight  Event 1 veh in transpt	Weather Inj C: 0 HBD: N Event 2 none	c clear I	nj 0: 2 Drugs: N Event 4 none	How: ss Compla Haz Action imprp turn	ay -same <b>int No:</b> 2200 <b>Veh Type</b> car	Damage rtfront
#32 Locati Crash Date Injuries K: CVT: Lathr Unit No 1 2 UD-10: 273	ion: W 11 e: 10/28/2 : 0 rup Village  Veh Dir W W 32339	Day: Finj A: Area:  Action Prior change lanes go straight	Fri Hour: 3pm 0 Inj B: 0 straight  Event 1 veh in transpt	Weather Inj C: 0 HBD: N Event 2 none none	Event 3 none none	nj 0: 2 Drugs: N Event 4 none	How: ss Compla Haz Action imprp turn	ay -same <b>int No:</b> 2200 <b>Veh Type</b> car car	D12787  Damage rtfront Iftside
#32 Locati Crash Date Injuries K: CVT: Lathr Unit No 1 2 UD-10: 273	ion: W 11 e: 10/28/2 : 0 rup Village Veh Dir W W 32339 ion: W 11	Day: Finj A: Area:  Action Prior change lanes go straight  MILE RD (3.72	Fri Hour: 3pm 0 Inj B: 0 straight  Event 1 veh in transpt veh in transpt	Weather Inj C: 0 HBD: N Event 2 none none	Event 3 none none	nj 0: 2 Drugs: N Event 4 none	How: ss Compla Haz Action imprp turn none	ay -same <b>int No:</b> 2200 <b>Veh Type</b> car car	D12787  Damage rtfront Iftside
#32 Locati Crash Date Injuries K: CVT: Lathr Unit No 1 2 UD-10: 273 #33 Locati Crash Date	ion: W 11 e: 10/28/2 : 0 rup Village  Veh Dir W W 32339 ion: W 11 e: 11/17/2	Day: Finj A: Area:  Action Prior change lanes go straight  MILE RD (3.72	Fri Hour: 3pm 0 Inj B: 0 straight  Event 1 veh in transpt veh in transpt	Weather Inj C: 0 HBD: N Event 2 none none	Event 3 none none	nj 0: 2 Drugs: N Event 4 none none	How: ss Compla Haz Action imprp turn none	-same int No: 2200 Veh Type car car Crash II dark/unltd	D12787  Damage rtfront Iftside
#32 Locati Crash Date Injuries K: CVT: Lathr Unit No 1 2 UD-10: 273	ion: W 11 e: 10/28/2 : 0 rup Village  Veh Dir W W 32339 ion: W 11 e: 11/17/2	Day: Finj A: Area:  Action Prior change lanes go straight  MILE RD (3.72 022 Day: Thinj A: 1	Fri Hour: 3pm 0 Inj B: 0 straight  Event 1 veh in transpt veh in transpt 2) 76 feet W of LA nu Hour: 1am Inj B: 0	Weather Inj C: 0 HBD: N Event 2 none none THRUP B Weather:	Event 3 none none	nj 0: 2 Drugs: N Event 4 none none	How: ss Compla  Haz Action imprp turn none  ny: dry Light: How: G	-same int No: 2200 Veh Type car car Crash II dark/unltd	D12787  Damage rtfront Iftside  D: 2751509
#32 Locati Crash Date Injuries K: CVT: Lathr Unit No 1 2 UD-10: 273 #33 Locati Crash Date Injuries K: CVT: Lathr	ion: W 11 e: 10/28/2 : 0 rup Village  Veh Dir W W 32339 ion: W 11 e: 11/17/2 : 0 rup Village	Day: Finj A: Area:  Action Prior change lanes go straight  MILE RD (3.72 022 Day: The Inj A: 1 Area: w	Fri Hour: 3pm 0 Inj B: 0 straight  Event 1 veh in transpt veh in transpt 1) 76 feet W of LA nu Hour: 1am Inj B: 0 //i intersection	Weather Inj C: 0 HBD: N Event 2 none none  THRUP B Weather: Inj C: 0 HBD: N	Event 3 none none  LVD sleet/hail	nj 0: 2 Drugs: N Event 4 none none  Roadwa Inj 0: 0 Drugs:	How: ss Compla  Haz Action imprp turn none  ay: dry Light: How: o	ay -same int No: 2200 Veh Type car car Crash II dark/unltd other laint No: 220	D12787  Damage rtfront Iftside  D: 2751509
#32 Locati Crash Date Injuries K: CVT: Lathr Unit No 1 2 UD-10: 273 #33 Locati Crash Date Injuries K: CVT: Lathr	ion: W 11 e: 10/28/2 : 0 rup Village  Veh Dir W W 32339 ion: W 11 e: 11/17/2 : 0 rup Village	Day: Finj A: Area:  Action Prior change lanes go straight  MILE RD (3.72 022 Day: Thinj A: 1	Fri Hour: 3pm 0 Inj B: 0 straight  Event 1 veh in transpt veh in transpt veh in transpt 2) 76 feet W of LA nu Hour: 1am Inj B: 0 /// intersection  Event 1	Weather Inj C: 0 HBD: N Event 2 none none  THRUP B Weather: Inj C: 0 HBD: N Event 2	Event 3 none none  LVD sleet/hail	nj 0: 2 Drugs: N Event 4 none none  Roadwa Inj 0: 0 Drugs: 1	How: ss Compla  Haz Action imprp turn none  ny: dry Light: How: G	-same -same int No: 2200 Veh Type car car Crash II dark/unitd other aint No: 220	D12787  Damage rtfront Iftside  D: 2751509
#32 Locati Crash Date Injuries K: CVT: Lathr Unit No 1 2 UD-10: 273 #33 Locati Crash Date Injuries K: CVT: Lathr Unit No	ion: W 11 e: 10/28/2 : 0 rup Village  Veh Dir W W 32339 ion: W 11 e: 11/17/2 : 0 rup Village	Day: Finj A: Area:  Action Prior change lanes go straight  MILE RD (3.72 022 Day: The Inj A: 1 Area: w  Action Prior	Fri Hour: 3pm 0 Inj B: 0 straight  Event 1 veh in transpt veh in transpt 1) 76 feet W of LA nu Hour: 1am Inj B: 0 //i intersection	Weather Inj C: 0 HBD: N Event 2 none none  THRUP B Weather: Inj C: 0 HBD: N	Event 3 none none  LVD sleet/hail	nj 0: 2 Drugs: N Event 4 none none  Roadwa Inj 0: 0 Drugs:	How: ss Compla  Haz Action imprp turn none  ay: dry Light: How: comple  Haz Action	ay -same int No: 2200 Veh Type car car Crash II dark/unltd other laint No: 220	D12787  Damage rtfront Iftside  D: 2751509

## **Crash Type**

	· .
Count	Туре
0	uncoded
1	single
0	head-on
0	head-on/lt
18	angle
11	rr-end
0	rr-end/lt
0	rr-end/rt
2	ss-same
0	ss-opp
0	back
1	other
0	unknown
Totals:	33

### **Light Conditions**

Count	Туре
0	uncoded
24	day
5	dawn
0	dusk
3	dark/ltd
1	dark/unltd
0	other
0	unknown
Totals:	33

#### Weather

Count	Туре
0	uncoded
21	clear
0	smoke
8	cloudy
0	fog
2	rain
1	snow
0	wind
1	sleet/hail
0	blowing snow
0	blowing sand
0	unknown
Totals:	33

#### **Road Condition**

Count	Туре
0	uncoded
28	dry
0	oily
3	wet
1	ice
1	snow
0	mud
0	slush
0	debris
0	water
0	sand
0	other
0	unknown
Totals:	33

### **Crashes By Month**

Count	Туре
4	January
0	February
1	March
2	April
3	May
4	June
4	July
3	August
3	September
4	October
3	November
2	December
Totals:	33

#### **Hazardous Action**

Count	Туре
33	none
1	speeding
0	imprp/no signal
0	imprp backing
9	unable to stop
0	other
4	unknown
0	reckls driving
0	carels driving
0	spd too slow
18	failed to yield
1	disrgd traffic cntrl
0	wrong way
0	left of center
0	imprp passing
0	imprp lane use
1	imprp turn
Totals:	67

## **Unit Type**

Count	Туре
0	Bicyclist
0	Engineer
67	Vehicle
0	Pedestrian
Totals:	67

## **Crashes By Year**

Count	Type
0	2012
0	2013
0	2014
0	2015
0	2016
0	2017
0	2018
0	2019
16	2020
7	2021
10	2022
0	2023
Totals:	33

## **Crash Severity**

	FATAL	Α	В	С	No Inj	Total
Persons	0	3	2	10	61	76
Crashes	0	3	1	5	24	33

### **Alcohol in Crashes**

	FATAL	PI	PD	Total
Drinking	0	0	1	1
Not Drinking	0	9	23	32
Total	0	9	24	33

## Crashes per Hour by Day

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Unknown	Tota
12a - 1a	0	0	0	0	0	0	0	0	0
1a - 2a	0	0	0	0	1	0	0	0	1
2a - 3a	0	0	0	0	0	0	0	0	0
3a - 4a	0	0	0	0	0	0	0	0	0
4a - 5a	0	0	0	0	0	0	0	0	0
5a - 6a	0	0	0	0	0	0	0	0	0
6a - 7a	0	1	0	0	0	1	0	0	2
7a - 8a	0	0	4	2	0	0	0	0	6
8a - 9a	0	0	0	0	0	0	0	0	0
9a - 10a	0	0	0	0	1	0	0	0	1
10a - 11a	0	0	0	1	0	0	0	0	1
11a - 12p	0	0	0	0	0	0	1	0	1
12p - 1p	0	0	0	0	0	0	0	0	0
1p - 2p	0	0	0	0	0	0	0	0	0
2p - 3p	0	1	0	0	0	1	1	0	3
3p - 4p	0	0	3	0	0	1	0	0	4
4p - 5p	0	1	3	2	0	1	0	0	7
5р - 6р	0	0	0	0	1	0	1	0	2
6p - 7p	0	0	0	0	0	0	1	0	1
7p - 8p	0	0	0	1	0	0	0	0	1
8p - 9p	0	0	0	0	0	1	0	0	1
9p - 10p	0	0	0	0	0	0	0	0	0
10p - 11p	0	0	1	0	0	0	0	0	1
11p - 12a	0	0	0	0	0	0	1	0	1
Unknown Time	0	0	0	0	0	0	0	0	0
Total	0	3	11	6	3	5	5	0	33



Site Code: LATHRUP s of 11 MILE Station ID:

Lathrup Blvd South of 11 Mile - VOLUME

Latitude: 0' 0.0000 South

Start   224 Apr 23   Tue   Wed   Thu   Fri   SB   NB   SB   NB																	
Time	Start	24-Ap	r-23	Tu	ie	We	ed	Th	าน	Fr	i	Sat		Sui	า	Week Ave	rage
12:00 AM	Time											NB	SB	NB	SB		ŠB
02:00		*	*								*	*	*		*	3	4
03:00	01:00	*	*	0	0	2	1	2	2	*	*	*	*	*	*	1	1
04:00	02:00	*	*	1	2	0	2	0		*	*	*	*	*	*	0	1
05:00	03:00	*	*	2	1	2	1	3	1	*	*	*	*	*	*	2	1
06:00	04:00	*	*	4	1	5	1	4	1	*	*	*	*	*	*	4	1
07:00	05:00	*	*	10	2	9	1	8	1	*	*	*	*	*	*	9	1
08:00	06:00	*	*	13	7	13	6	12	5	*	*	*	*	*	*	13	6
09:00		*	*	34	10		10	33	14	*	*	*	*	*	*	36	11
10:00	08:00	*	*	56	28	42	24	44	24	*	*	*	*	*	*	47	25
11:00	09:00	*	*	34	12	38	10	21	11	*	*	*	*	*	*	31	11
12:00 PM	10:00	*	*	27	11	32	19	31	20	*	*	*	*	*	*	30	17
01:00	11:00	31	10	36	19	28	19	32	20	*	*	*	*	*	*	32	17
07:00 60 22 58 22 57 20 * * * * * * * * * * 58 03:00 50 32 27 27 76 31 * * * * * * * * * * * * * 51 04:00 76 37 80 33 61 30 * * * * * * * * * * * * * * * * * *	12:00 PM	27	18	40	14	34	17	35	22		*	*	*	*	*		18
03:00 50 32 27 27 76 31	01:00	31	14	46		30	25	*	*	*	*	*	*	*	*	36	19
04:00	02:00	60	22	58	22	57	20	*	*	*	*	*	*	*	*	58	21
05:00 71 26 127 27 102 30 * * * * * * * * * * * * * * * * * 54 07:00 23 23 14 18 20 20 * * * * * * * * * * * * * * * * *	03:00	50		27		76	31	*	*	*	*	*	*	*	*	51	30
06:00 38 19 56 27 67 21 * * * * * * * * * * * * * * * * * *	04:00	76	37	80	33	61	30	*	*	*	*	*	*	*	*	72	33
07:00 23 23 14 18 20 20	05:00	71	26	127	27	102	30	*	*	*	*	*	*	*	*	100	28
08:00 7 16 10 13 13 19 * * * * * * * * * * * * * * * * * *	06:00	38		56		67			*		*	*	*		*	54	22
08:00 7 11 12 5 8 12 * * * * * * * * * * * * * * * * 9 10:00 6 6 6 5 6 6 6 12 * * * * * * * * * * * * * * * * * *	07:00	23	23	14	18	20	20	*	*	*	*	*	*	*	*	19	20
10:00 6 6 6 5 6 6 12 * * * * * * * * * * * * * * * * * *	08:00	7	16		13	13			*		*	*	*		*	10	16
11:00         1         3         6         3         2         1         * <td>09:00</td> <td>7</td> <td>11</td> <td>12</td> <td>5</td> <td>8</td> <td>12</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>9</td> <td>9</td>	09:00	7	11	12	5	8	12	*	*	*	*	*	*	*	*	9	9
Lane       428       237       701       310       689       337       229       124       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0 <td></td> <td>6</td> <td></td> <td>5</td> <td></td> <td></td> <td>12</td> <td></td> <td>*</td> <td></td> <td>*</td> <td></td> <td>*</td> <td></td> <td>*</td> <td>6</td> <td>8</td>		6		5			12		*		*		*		*	6	8
Day         665         1011         1026         353         0         0         0         982           AM Peak         11:00         11:00         08:00         08:00         08:00         08:00         08:00         - <td< td=""><td>11:00</td><td><u> </u></td><td></td><td></td><td></td><td></td><td></td><td></td><td>**</td><td></td><td>*</td><td>*</td><td>*</td><td></td><td></td><td></td><td>2</td></td<>	11:00	<u> </u>							**		*	*	*				2
AM Peak 11:00 11:00 08:00 08:00 08:00 08:00 08:00 08:00 08:00 08:00   Vol. 31 10 56 28 42 24 44 24 47   PM Peak 16:00 16:00 17:00 16:00 17:00 15:00 12:00 12:00 17:00   Vol. 76 37 127 33 102 31 35 22 100										-	0	-	0	-	0		322
Vol.         31         10         56         28         42         24         44         24         - <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td>0</td><td></td><td>0</td><td></td><td></td><td></td></t<>										0		0		0			
PM Peak 16:00 16:00 17:00 16:00 17:00 15:00 12:00 12:00 17:00 Vol. 76 37 127 33 102 31 35 22 100										-	-	-	-	-	-		08:00
Vol. 76 37 127 33 102 31 35 22 100  Comb. 665 1011 1026 353 0 0 0 982										-	-	-	-	-	-		25_
Comb. 665 1011 1026 353 0 0 0 00 082										-	-	-	-	-	-		16:00
	Vol.	76	37	127	33	102	31	35	22	-	-	-	-	-	-	100	33
ADT ADT 985 AADT 985	Total					1	026	;	353		0	(	)		0	98.	2

Site Code: LATHRUP BLVD n of 11 Station ID: MILE

Lathrup Blvd North of 11 Mile - VOLUME

Latitude: 0' 0.0000 South

Start	24-Ap	r-23	Tu	ie	W	ed	TI	nu	Fri	i	Sat		Sur		Week Ave	erage
Time	NB '	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	ŠB
12:00 AM	*	*	3	4	1	1	1	3	*	*	*	*	*	*	2	3
01:00	*	*	0	2	3	3	1	1	*	*	*	*	*	*	1	2
02:00	*	*	1	0	2	1	0	0	*	*	*	*	*	*	1	0
03:00	*	*	0	2	2	2	2	2	*	*	*	*	*	*	1	2
04:00	*	*	0	8	0	6	1	3	*	*	*	*	*	*	0	6
05:00	*	*	1	4	1	6	2	8	*	*	*	*	*	*	1	6
06:00	*	*	3	13	2	16	1	14	*	*	*	*	*	*	2	14
07:00	*	*	3	23	8	20	6	24	*	*	*	*	*	*	6	22
08:00	*	*	5	33	10	34	11	33	*	*	*	*	*	*	9	33
09:00	*	*	12	23	16	25	9	23	*	*	*	*	*	*	12	24
10:00	14	19	9	18	5	19	7	24	*	*	*	*	*	*	9	20
11:00	15	21	15	18	10	29	10	21	*	*	*	*	*	*	12	22
12:00 PM	12	24	11	39	11	22	16	28	*	*	*	*	*	*	12	28
01:00	20	31	14	27	20	34	*	*	*	*	*	*	*	*	18	31
02:00	16	28	20	27	21	31	*	*	*	*	*	*	*	*	19	29
03:00	23	36	20	25	18	37	*	*	*	*	*	*	*	*	20	33
04:00	11	29	17	18	13	37	*	*	*	*	*	*	*	*	14	28
05:00	19	21	30	30	22	20	*	*	*	*	*	*	*	*	24	24
06:00	24	24	11	12	9	36	*	*	*	*	*	*	*	*	15	24
07:00	18	24	14	18	21	17	*	*	*	*	*	*	*	*	18	20
08:00	10	17	8	23	12	18	*	*	*	*	*	*	*	*	10	19
09:00	9	6	9	9	6	9	*	*	*	*	*	*	*	*	8	8
10:00	1	3	6	3	5	5	*	*	*	*	*	*	*	*	4	4
11:00	1	4	5	9	3	3	*	*	*	*	*	*	*	*	3	5
Lane	193	287	217	388	221	431	67	184	0	0	0	0	0	0	221	407
Day	480	)	60	5	65		25		0		0		0		628	
AM Peak	11:00	11:00	11:00	08:00	09:00	08:00	08:00	08:00	-	-	-	=	-	-	09:00	08:00
Vol.	15	21	15	33	16	34	11	33	-	-	-	-		-	12	33_
PM Peak	18:00	15:00	17:00	12:00	17:00	15:00	12:00	12:00	-	-	-	-	-	-	17:00	15:00
Vol.	24	36	30	39	22	37	16	28	-	-	-	-	-	-	24	33
Comb. Total	48	30	(	605	(	652		251		0	(	)	(	0	62	28
ADT		ADT 628	A	ADT 628												

Site Code: LATHRUP BLVD on brid Station ID: ge nbsb

Lathrup Blvd on Bridge over I-696 - VOLUME Latitude: 0' 0.0000 South

Start	24-Apr	-23	Tu	е	We	ed	Th	nu	Fri		Sat		Sur	<u> </u>	Week Ave	rage
Time	NB '	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	ŠB
12:00 AM	*	*	1	5	0	2	1	3	*	*	*	*	*	*	1	3
01:00	*	*	0	1	2	2	0	1	*	*	*	*	*	*	1	1
02:00	*	*	1	0	0	1	0	0	*	*	*	*	*	*	0	0
03:00	*	*	1	1	1	1	3	0	*	*	*	*	*	*	2	1
04:00	*	*	2	4	3	3	3	1	*	*	*	*	*	*	3	3
05:00	*	*	1	5	2	9	1	8	*	*	*	*	*	*	1	7
06:00	*	*	3	12	2	17	1	11	*	*	*	*	*	*	2	13
07:00	*	*	9	13	8	15	9	26	*	*	*	*	*	*	9	18
08:00	*	*	15	20	9	26	8	23	*	*	*	*	*	*	11	23
09:00	*	*	14	12	9	10	5	16	*	*	*	*	*	*	9	13
10:00	*	*	4	9	17	17	6	15	*	*	*	*	*	*	9	14
11:00	11	19	7	10	5	18	8	17	*	*	*	*	*	*	8	16
12:00 PM	10	18	5	24	10	17	10	24	*	*	*	*	*	*	9	21
01:00	13	21	7	22	8	28	*	*	*	*	*	*	*	*	9	24
02:00	12	18	11	20	16	22	*	*	*	*	*	*	*	*	13	20
03:00	8	29	3	24	15	22	*	*	*	*	*	*	*	*	9	25
04:00	4	37	14	13	8	38	*	*	*	*	*	*	*	*	9	29
05:00	16	20	24	27	10	25	*	*	*	*	*	*	*	*	17	24
06:00	6	12	10	9	11	30	*	*	*	*	*	*	*	*	9	17
07:00	6	11	3	14	8	14	*	*	*	*	*	*	*	*	6	13
08:00	2	13	1	17	5	15	*	*	*	*	*	*	*	*	3	15
09:00	3	9	4	9	5	11	*	*	*	*	*	*	*	*	4	10
10:00	4	3	4	4	3	7	*	*	*	*	*	*	*	*	4	5
11:00	0	2	1	6	0	2	*	*	*	*	*	*	*	*	0	3
Lane	95	212	145	281	157	352	55	145	0	0	0	0	0	0	148	318
Day	307		426		509		200		0		0		0		466	
AM Peak	11:00	11:00	08:00	08:00	10:00	08:00	07:00	07:00	-	-	-	-	-	-	08:00	08:00
Vol.	11	19	15	20	17	26	9	26	-	-	-	-	-	-	11	23
PM Peak	17:00	16:00	17:00	17:00	14:00	16:00	12:00	12:00	-	-	-	-	-	-	17:00	16:00
Vol.	16	37	24	27	16	38	10	24	-	-		-	-	-	17	29
Comb.	30	7	2	126	į	509	3	200		0	(	)		0	46	6
Total	00	•			`	300	•			•	`			•	40	

ADT

**ADT 464** 

AADT 464

Site Code: 11 MILE EB e of SOUT Station ID: HFIELD

> Untitled Vo Latitude: 0' 0.0000 South

Start Time	Mon 13-Sep-21	Tue 14-Sep-21	Wed 15-Sep-21	Thu 16-Sep-21	Fri 17-Sep-21	Average Day	Sat 18-Sep-	21	Sun 19-Sep-21		Week	
12:00 AM	13-Sep-21 *	14-Sep-21 *	15-Sep-21 *	16-Sep-21 198	17-Sep-21 *	Day 198	18-Sep-	·21 *	19-Sep-21 *	F	verage 198	
01:00	*	*	*	122	*	122		*	*		122	_
02:00	*	*	*	94	*	94		*	*		94	
03:00	*	*	*	142	*	142		*	*		142	
04:00	*	*	*	259	*	259		*	*		259	
05:00	*	*	*	543	*	543		*	*		543	
06:00	*	*	*	760	*	760		*	*		760	
07:00	*	*	*	1084	*	1084		*	*		1084	
08:00	*	*	*	1132	*	1132		*	*		1132	
09:00	*	*	*	895	*	895		*	*		895	
10:00	*	*	*	985	*	985		*	*		985	
11:00	*	*	1079	1076	*	1078		*	*		1078	
12:00 PM	*	*	1243	*	*	1243		*	*		1243	
01:00	*	*		*	*	1264		*	*		1264	
02:00	*	*	1206	*	*	1206		*	*		1206	
03:00	*	*	1217	*	*	1217		*	*		1217	
04:00	*	*	1157	*	*	1157		*	*		1157	
05:00	*	*	1101	*	*	1101		*	*		1101	
06:00	*	*	1164	*	*	1164		*	*		1164	
07:00	*	*	960	*	*	960		*	*		960	
08:00	*	*	883	*	*	883		*	*		883	
09:00	*	*	640	*	*	640		*	*		640	
10:00	*	*	470	*	*	470		*	*		470	
11:00	*	*	291	*	*	291		*	*		291	
Day Total	0	0	12675	7290	0	18888		0	0		18888	
% Avg. WkDay	0.0%	0.0%	67.1%	38.6%	0.0%							
% Avg. Week	0.0%	0.0%	67.1%	38.6%	0.0%	100.0%	0.	0%	0.0%			
AM Peak	-	-	11:00	08:00	-	- 08:00	-	-	-	-	08:00	-
Vol.	-		1079	1132	-	- 1132	-	-	-	-	1132	-
PM Peak	-	-	13:00	-	-	- 13:00	-	-	-	-	13:00	-
Vol.	-		1264	-	-	- 1264	-	-	-	-	1264	-
Grand Total	0	0	12675	7290	0	18888		0	0		18888	





# **Volume Count Report**

LOCATION INF	-0
Location ID	824
Туре	SPOT
Fnct'l Class	-
Located On	11 Mile
AT	SOUTHFIELD
Direction	WB
County	Oakland
Community	Southfield
MPO ID	268642
HPMS ID	
Agency	Oakland County

COUNT DATA INFO	
Count Status	Accepted
Holiday	No
Start Date	Wed 8/1/2018
End Date	Thu 8/2/2018
Start Time	11:00:00 AM
End Time	11:00:00 AM
Direction	
Notes	
Station	FO392
Filename	D0801003.prn
Study	
Speed Limit	
Description	
Sensor Type	
Source	
Import Type	prn
Imported	8/6/2018 1:18:01 PM
Latitude,Longitude	
Owner	tiacounts

INTERVAL:60-MIN		
Time	Hourly Count	
0:00-1:00	86	
1:00-2:00	51	
2:00-3:00	39	
3:00-4:00	34	
4:00-5:00	86	
5:00-6:00	265	
6:00-7:00	690	
7:00-8:00	1,462	
8:00-9:00	1,402	
9:00-10:00	923	
10:00-11:00 📵	691	
11:00-12:00	695	
12:00-13:00	734	
13:00-14:00	751	
14:00-15:00	736	
15:00-16:00	848	
16:00-17:00	852	
17:00-18:00	840	
18:00-19:00	856	
19:00-20:00	617	
20:00-21:00	405	
21:00-22:00	345	
22:00-23:00	251	
23:00-24:00	163	
Total	13,822	
AADT	11840	
AM Peak	07:00-08:00 1,462	
PM Peak	18:00-19:00 856	