TRAFFIC SIGNAL TIMING PERMIT

	PHASE	1	2	3	4	5	6	7	8			
APPROACH		NBLT	SB	WBLT	EB	SBLT	NB	EBLT	WB			
MINIMUM GREEN		5	10	5	27	5	10	5	27			
PASSAGE		0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0			
MAXIMUM NO. 1		15	35	15	60	15	35	15	60			
MAXIMUM NO. 2		0	0	0	0	0	0	0	0			
YELLOW CHANGE		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2			
RED CLEARANCE		3.2	4.0	3.2	3.2	3.2	4.0	3.2	3.2			
WALK		0	7	0	6	0	7	0	6			
PEDESTRIAN CLEARANCE		0	13	0	24	0	13	0	24			
EXTENDED PED. CLEARANCE		0	2	0	2	0	2	0	2			
REST IN WALK		0	0	0	0	0	0	0	0			
INITIALIZATION		1	1	1	4	1	1	1	4			
NON-ACT RESPONSE		0	0	0	0	0	0	0	0			
VEHICLE RECALL		0	2	0	3	0	2	0	3			
PEDESTRIAN RECALL		0	2	0	2	0	2	0	2			
NON-LOCK MEMORY			0	0	0		0	0	0			
DUAL ENTRY			0	0	1		0	0	1			
	CYCLE									O1	O2	O3
DIAL 1 SPLIT 1	110	12	31	15	52	12	31	15	52	36		
DIAL 2 SPLIT 1	100	9	34	12	45	9	34	12	45	45		
DIAL 3 SPLIT 1	100	9	34	12	45	9	34	12	45	4		
DIAL 4 SPLIT 2	90	9	34	12	35	9	34	12	35	42		
DIAL SPLIT												
DIAL SPLIT												
	MODE		1	0	0		1	0	0			

PHASE

1

2 NB M-1 (Woodward)

3 WB Warren lefts

4 EB Warren

5

6 SB M-1 (Woodward)

7 EB Warren lefts

8 WB Warren

Hours of Operation
D1/S1/O1 - Normal
D2/S1/O1 - 07:00-09:00, Monday-Friday
D3/S1/O1 - 15:00-18:00, Monday-Friday

D4/S2/O1 = Special Event Egress
Special Event Day Patterns Shown in Page 2 Remarks

OVERLAPS

Overlap Phase	*Load Bays*	*Phases Overlapped*	T.G. (s)	Y (s)	R (s)	-G/Y	+GRN
=							
=							
=							
=							

TIMING INSTALLED

REMARKS

Clearance values updated, timing optimized, and special event timing added by WSP as part of JN 124093PE.
Phases 4 and 8, which are non-actuated, have been set to Min Recall with appropriate corresponding Min Greens, allowing phases 4 and 8 to end 0.6" early and give time back to phases 2 and 6 every cycle.

Pedestrian calculations are based on a walking speed of 3.5 feet per second.

PREPARED BY: DBC DATE: 03/11/19

FLASH HOURS: DAILY ☐ NONE ☒ to

NIGHT FLASH:

FY = FR =

CONFLICT FLASH:

FY = M-1 (Woodward) FR = Warren

CONTROLLER TYPE:
☒ EPAC
☐ Other:

PRE-EMPT ☐
COUNTDOWN PEDS ☒

LOCATION: M-1 (WOODWARD) @ Warren
CITY/TWP: City of Detroit
COUNTY : Wayne

MILE POINT	CONTROL SECTION-SPOT #
6.90	82131-01-019

Job # (If Applicable): JN 124093PE

CLEAR PAGE 1

CLEAR ALL

Page 3 included only if Pre-Empt Checked

ADVANCED TIMING PARAMETERS FORM

SYSTEM INFORMATION

Controller Type:
- ☒ EPAC
- ☐ Other:

System Type:
- ☒ Closed Loop
  - ☐ Stand By
  - ☐ Group 1
  - ☐ Group 2
  - Address:
- ☐ TBC
- ☐ TBC/GPS
- ☐ None
- ☐ Other:

If TBC, Synch by:
- ☐ TOD
- ☐ Event

Interconnect Type:
- ☐ Hardwire
- ☒ Fiber-Optic
- ☐ Radio
- ☐ Phone Drop
- ☐ None
- ☐ Other:

If Phone Drop,
Phone #

Controller Status:
- ☐ Master
- ☒ Slave
- ☐ Isolated
- ☐ TBC

If Slave,
Master Location:
M-1 @ I-75 SB Serv Dr

Master Spot # : 82131-01-064

LEFT-TURN PHASING

Phase # / Description	*Permissive-Protected* Lead	*Permissive-Protected* Lag	*Protected-Only* Split	*Protected-Only* Lead	*Protected-Only* Lag
3 WB Warren lefts	☐	☐	☐	☒	☐
7 EB Warren lefts	☐	☐	☐	☒	☐
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐

RING AND BARRIER STRUCTURE

	B1				B2				B3				B4			
R1				2	3	4										
R2				6	7	8										
R3																
R4																

VEHICULAR AND PEDESTRIAN DETECTION

Approach	*Vehicular Detection* Movements and Call Delay (s) Left	Thru	Right	Type Loop	Video	Other	*Pedestrian Detection* Push-Button Crossing Locations
WB Warren	☒	☐	☐	☐	☐	☒	
EB Warren	☒	☐	☐	☐	☐	☒	
	☐	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	☐	

DISAPPEARING LEGEND CASE SIGNS

ADDITIONAL DIAL SPLIT DATA

		PHASE	1	2	3	4	5	6	7	8	O1	O2	O3
DIAL	SPLIT	CYCLE											
DIAL	SPLIT	CYCLE											
DIAL	SPLIT	CYCLE											
DIAL	SPLIT	CYCLE											
DIAL	SPLIT	CYCLE											
DIAL	SPLIT	CYCLE											
DIAL	SPLIT	CYCLE											
DIAL	SPLIT	CYCLE											
DIAL	SPLIT	CYCLE											
DIAL	SPLIT	CYCLE											

COORDINATION DATA

Operation Mode	1
Coordination Mode	0
Maximum Mode	0
Correction Mode	3
Offset Mode	0
Force Mode	0
Max Dwell	0
Yield Period	0

REMARKS:
Planned Special Event Day Patterns:
Day 51 for Weekend 1pm start
Day 52 for Weekend 4pm start
Day 53 for Weekend 7pm start
Day 54 for Weekday 1pm start
Day 55 for Weekday 7pm start
Day 56 for Opening Day 1pm start
Day 57 for Weekend 6pm start

ADDITIONAL OVERLAP DATA

Overlap Phase	*Load Bays*	*Phases Overlapped*	T.G. (s)	Y (s)	R (s)	-G/Y	+GRN
=							
=							
=							
=							

PREPARED BY: DBC DATE: 03/11/19

☐ MDOT ☐ County ☐ City ☒ Consultant

LOCATION:
M-1 (WOODWARD) @ Warren

CONTROL SECTION-SPOT #
82131-01-019

CLEAR PAGE 2