

# MACOMB COUNTY DEPARTMENT OF ROADS

## TRAFFIC OPERATIONS CENTER

*"To provide and maintain a reliable real-time traffic operations system, in coordination with county stakeholders, that enables a safe, efficient, and informative travel experience."  
- MCDR TOC Mission Statement*

## PERFORMANCE MEASURES



June 2022

**AECOM**

**WSP**

**INTEGRAL  
BLUE**



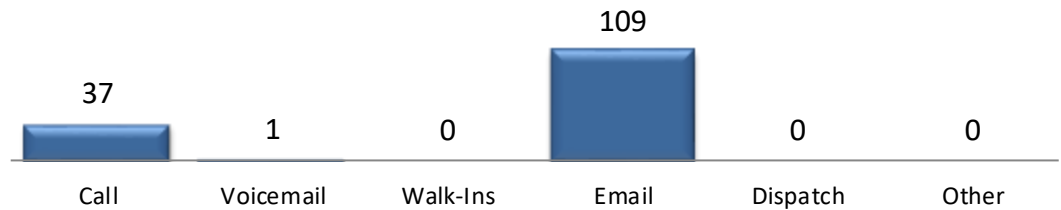
**John Abraham, PhD, PE, PTOE**  
Director of Traffic & Operations  
Macomb County Department of Roads  
117 S Groesbeck Hwy  
Mount Clemens, MI 48043  
586-463-8671  
[JAbraham@RCMCWeb.org](mailto:JAbraham@RCMCWeb.org)

# MONTHLY TOC HIGHLIGHT

Macomb County Department of Roads (MCDR) Traffic Operations Center (TOC) strives to deliver excellence in our everyday operations with the help of our community. Through customer relations, we are honored to receive, review, and improve traffic operations concerns, such as recently received information pertaining to the intersection of M-59 (Hall Road) at Vanker Ave. Our highly trained personnel carefully and methodically reviewed all information and provided enhanced and updated signal timing solutions, facilitating a better driving experience through the region.

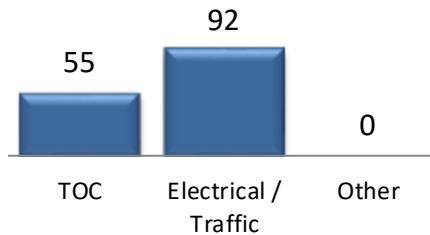
## SERVICE REQUESTS

### Service Request Source



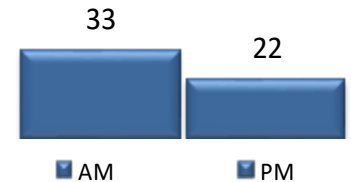
In the month of June, **147** incoming requests regarding traffic signals were received.

### Service Request by Dept.

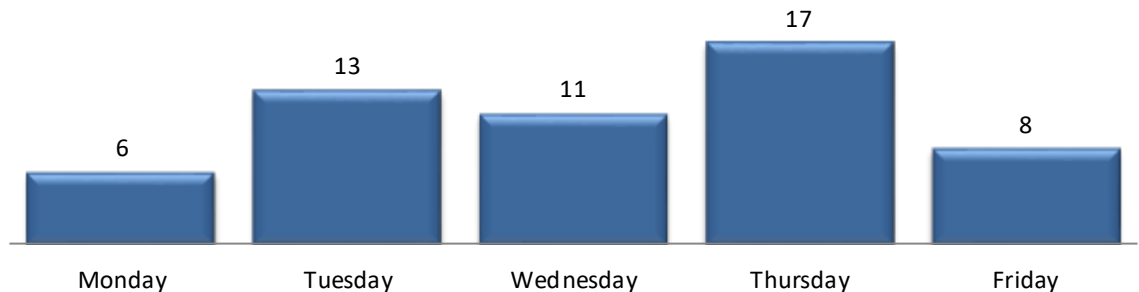


In the month of June, TOC engineers closed **48** service requests within an average of **6** business days.

### TOC by Time of Day



### Service Request Per Day of Week



TRAFFIC OPERATIONS

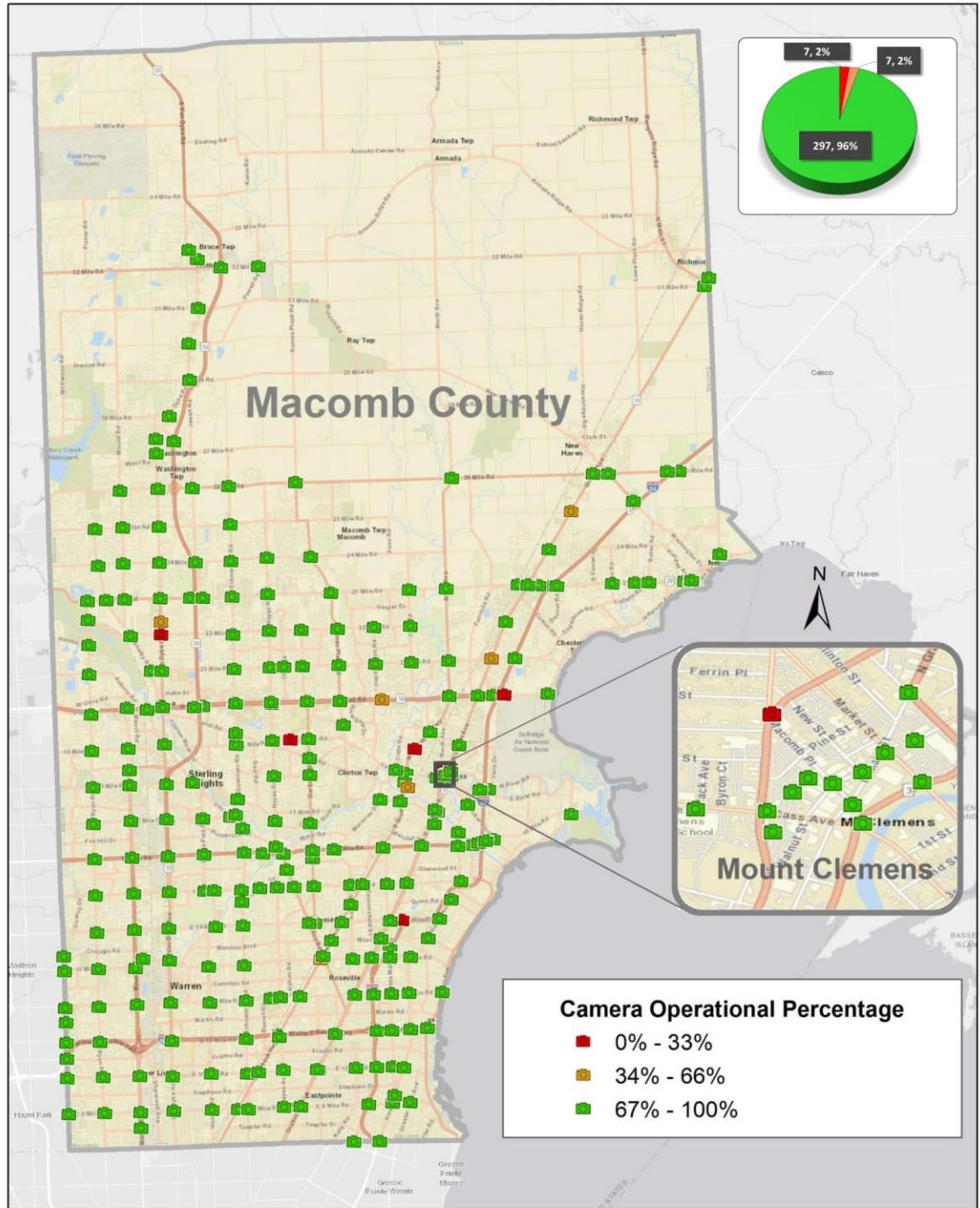
June 2022



# CCTV TRAFFIC CAMERA SUMMARY

## CAMERA COVERAGE

June 2022



The map above represents the CCTV camera operational percentages for the month of June 2022.







# HIGH IMPACT CORRIDOR COMMUNICATIONS AVAILABILITY

Corridor	Current Month	Previous Month	Change
9 Mile	96%	99%	-3%
14 Mile	97%	99%	-2%
15 Mile	99%	99%	0%
Metro Parkway	99%	99%	0%
Hall Rd(M-59)	98%	97%	1%
Dequindre	89%	99%	-10%
Ryan	96%	99%	-3%
Mound	99%	99%	0%
Hoover	98%	99%	-1%
Schoenherr	98%	99%	-1%
Hayes	98%	98%	0%
Gratiot(M-3)	99%	99%	0%
Harper	99%	99%	0%

*The table above represents a one-time monthly snapshot of communications along major corridors in Macomb County.*

## FIELD WORK

*89 sites visited by the IT/ITS Maintenance Technicians. 9 sites visited by the combined efforts of the IT/ITS Maintenance and MCDR Electrical crews.*

## SIGNAL TIMING CHANGES

*Traffic signal changes performed by TOC engineers*

Time of Signal change	Loc #	Intersection	Reason for signal change
06/01/2022 8:22	Groesbeck (M-97)/Harrington	195	Congestion
06/01/2022 8:49	Mound/17 Mile Road	275	Construction
06/01/2022 10:53	10 Mile Road/Van Dyke	313	Special Event
06/02/2022 8:35	12 Mile Road/Van Dyke	322	Construction
06/02/2022 8:36	12 Mile Road/Crossover 439' W. of Van Dyke	450	Construction
06/02/2022 18:35	15 Mile Road/Viceroy	715	Construction
06/03/2022 13:13	Hall Road EB (M-59)/Crossover W. of Marketplace	891	Construction
06/03/2022 15:12	Van Dyke/Warren City Hall	326	Construction
06/03/2022 15:12	Van Dyke @ GM Gate 10	1069	Construction
06/03/2022 15:12	Kennedy Circle/Van Dyke	330	Construction



# SIGNAL TIMING CHANGES CONTINUED

**MAINTENANCE**

June 2022

Time of Signal change	Loc #	Intersection	Reason for signal change
06/06/2022 8:23	12 Mile Road/Van Dyke	322	Construction
06/06/2022 8:23	12 Mile Road/Crossover 439' W. of Van Dyke	450	Construction
06/06/2022 8:23	Van Dyke/Warren City Hall	326	Construction
06/06/2022 8:23	Van Dyke @ GM Gate 10	1069	Construction
06/06/2022 8:23	Kennedy Circle/Van Dyke	330	Construction
06/06/2022 16:47	I-94 EB Off Ramp/21 Mile Road	333	Construction
06/09/2022 14:09	Chicago Road/Van Dyke	80	Service Request
06/09/2022 14:10	North Avenue/21 Mile Road	482	Incident
06/09/2022 14:10	10 Mile Road/Van Dyke	313	Special Event
06/09/2022 17:16	Hall Road WB (M-59)/Crossover East of Chateau Thiery	805	Incident
06/13/2022 17:37	Ryan/12 Mile Road	303	Incident
06/14/2022 9:35	Garfield/Metropolitan Parkway	157	Incident
06/14/2022 9:35	Metropolitan Parkway EB/Crossover 535' W of Garfield	642	Incident
06/14/2022 9:35	Metropolitan Parkway WB/Crossover 635' E of Garfield	643	Incident
06/14/2022 14:16	Chicago Road/Van Dyke	80	Construction
06/14/2022 14:18	13 Mile Road/Van Dyke	316	Construction
06/14/2022 14:18	Kennedy Circle/Van Dyke	330	Construction
06/14/2022 14:18	Van Dyke @ GM Gate 10	1069	Construction
06/14/2022 14:29	Hayes/24 Mile Road	511	Incident
06/14/2022 15:44	Hall Road EB (M-59)/Crossover West of Van Dyke	776	Congestion
06/14/2022 15:44	Hall Road (M-59)/Van Dyke	212	Congestion
06/14/2022 15:45	WB M-59/Crossover at Vanker	1084	Congestion
06/14/2022 15:46	Van Dyke SB (M-53)/Crossover 630' N of 18 Mile Road	679	Construction
06/14/2022 15:47	18 Mile Road/Van Dyke	352	Construction
06/14/2022 15:47	Van Dyke NB (M-53)/Crossover 570' S. of 18 Mile Rd	40	Construction
06/14/2022 15:47	Van Dyke SB (M-53)/Crossover 210' N of Plumbrook	678	Construction
06/14/2022 15:47	Van Dyke NB (M-53)/Crossover 200' S of Plumbrook	677	Construction
06/14/2022 15:47	Van Dyke SB (M-53)/Crossover 650' N of 17 Mile Road	676	Construction
06/14/2022 15:47	17 Mile Road/Van Dyke	221	Construction
06/14/2022 15:47	Van Dyke NB (M-53)/Crossover 700' S of 17 Mile Road	675	Construction
06/14/2022 15:47	Van Dyke SB (M-53)/Crossover 400' N of 16 & 1/2 Mile Road	674	Construction
06/14/2022 15:47	Van Dyke SB (M-53)/Crossover N of Metropolitan Parkway	673	Construction
06/14/2022 15:47	Metropolitan Parkway/Van Dyke	310	Construction
06/14/2022 15:48	Van Dyke NB (M-53)/Crossover S of Metropolitan Parkway	670	Construction
06/14/2022 15:48	Metropolitan Parkway EB/Crossover 390' W of Van Dyke	671	Construction
06/14/2022 15:48	Metropolitan Parkway WB/Crossover 570' E of Van Dyke	672	Construction
06/14/2022 15:48	Van Dyke NB (M-53)/Crossover 150' S of Brougham	669	Construction
06/14/2022 15:48	Van Dyke SB (M-53)/Crossover 300' S of Brougham	668	Construction
06/15/2022 10:03	Hall Road EB (M-59)/Crossover West of Hayes	756	Incident
06/15/2022 13:54	Hall Road WB (M-59)/Crossover East of Schoenherr	767	Incident
06/16/2022 8:18	12 Mile Road/Van Dyke	322	Construction
06/16/2022 8:18	Van Dyke/Warren City Hall	326	Construction
06/16/2022 8:18	12 Mile Road/Crossover 439' W. of Van Dyke	450	Construction
06/16/2022 8:40	12 Mile Road/Crossover 364' E. of Van Dyke	451	Construction



# SIGNAL TIMING CHANGES CONTINUED

Time of Signal change	Loc #	Intersection	Reason for signal change
06/16/2022 10:58	Gratiot (M-3)/Masonic	169	Construction
06/16/2022 14:54	Gratiot (M-3)/Hall Road (M-59)	162	Construction
06/16/2022 14:55	Hall Road EB (M-59)/Crossover West of Gratiot	810	Construction
06/16/2022 14:55	Hall Road WB (M-59)/Crossover East of Gratiot	811	Construction
06/16/2022 14:55	Metropolitan Parkway EB/Crossover 390' W of Van Dyke	671	Construction
06/16/2022 14:55	Metropolitan Parkway WB/Crossover 570' E of Van Dyke	672	Construction
06/16/2022 16:56	Metropolitan Parkway/Utica Road	269	Incident
06/17/2022 16:32	15 Mile Road/Groesbeck (M-97)	134	Incident
06/17/2022 18:06	Cass/Groesbeck (M-97)	72	Service Request
06/20/2022 17:45	Metropolitan Parkway/Moravian	267	Incident
06/21/2022 10:33	Jefferson/Shook	93	Construction
06/22/2022 16:12	Garfield/17 Mile Road	508	Service Request
06/23/2022 14:49	Gratiot (M-3)/13 Mile Road	181	Incident
06/23/2022 14:49	Gratiot SB (M-3)/Crossover 375' N of 13 Mile Road	374	Incident
06/23/2022 14:49	Gratiot NB (M-3)/Crossover 475' S of 13 Mile Road	375	Incident
06/23/2022 17:58	Card/23 Mile Road	876	Incident
06/24/2022 16:56	26 Mile Road/Van Dyke	328	Special Event
06/24/2022 16:56	Mound/26 Mile Road	750	Special Event
06/24/2022 16:56	Shelby Road/25 Mile Road	415	Special Event
06/24/2022 16:56	Shelby Road/24 Mile Road	402	Special Event
06/28/2022 8:40	Metropolitan Parkway WB/Crossover 295' E of Harper	650	Incident
06/28/2022 17:01	Hall Road (M-59)/Schoenherr	207	Incident
06/28/2022 17:33	17 Mile Road @ Mitchell	1050	Service Request
06/30/2022 16:44	Garfield/Millar	495	Construction

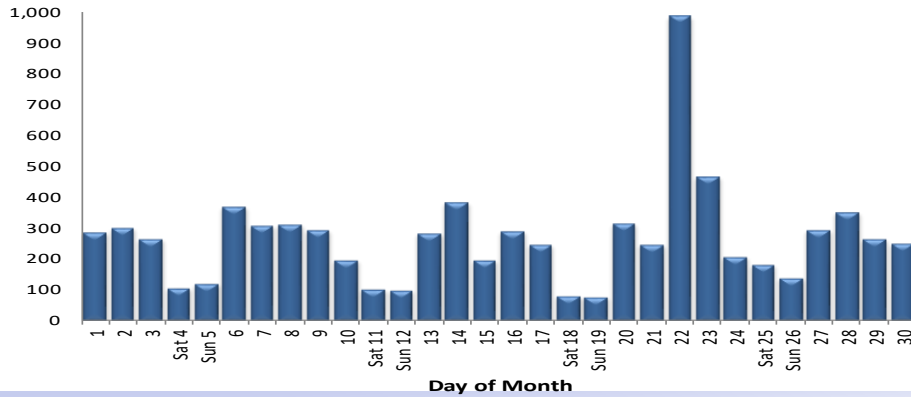
**MAINTENANCE**

June 2022



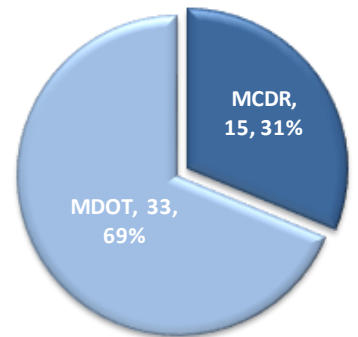
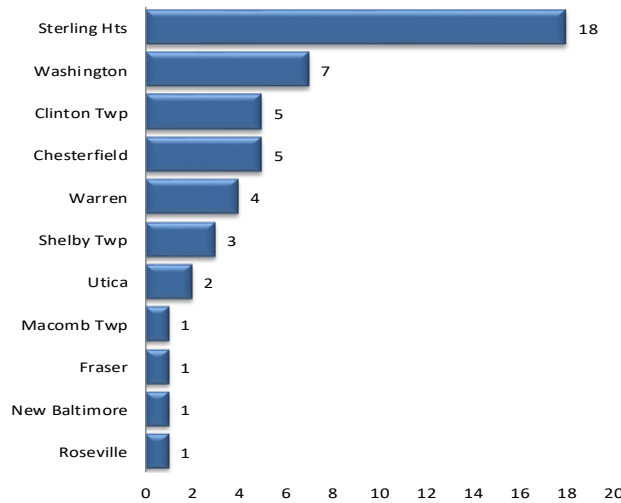


# MCDR WEBSITE HITS



A total of **7,993** hits were accrued at <http://roads.macombgov.org/>.

## SERVICE REQUESTS PER MUNICIPALITY

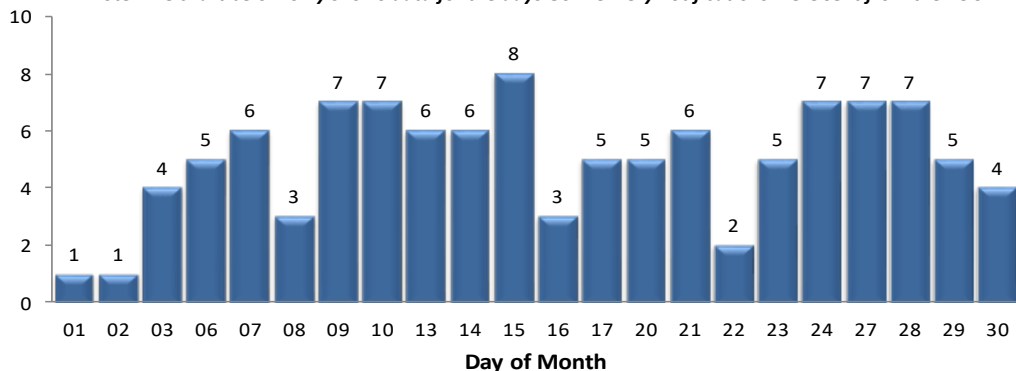


The chart to the left shows how many requests were created per traffic signal location under municipality jurisdiction. The chart to the right shows breakdown of the requests created under MDOT or MCDR / local municipality jurisdiction.

## GOVDELIVERY NOTIFICATIONS

In the month of June, the TOC sent out **110** GovDelivery notifications, and increased the number of recipients from **3,396** to **3,461** receiving notifications.

Note: The chart below only shows data for the days GovDelivery notifications were sent from the TOC.



GovDelivery is a tool to notify Macomb County motorists of any incident blocking at least one lane of traffic or causing traffic issues. The notifications are sent after an incident has been verified.

[Sign up for incident notifications on weekdays from 6 a.m. to 6 p.m. causing lane or roadway closures on major Macomb County arterials.](#)

MOTORIST EXPERIENCE

June 2022

