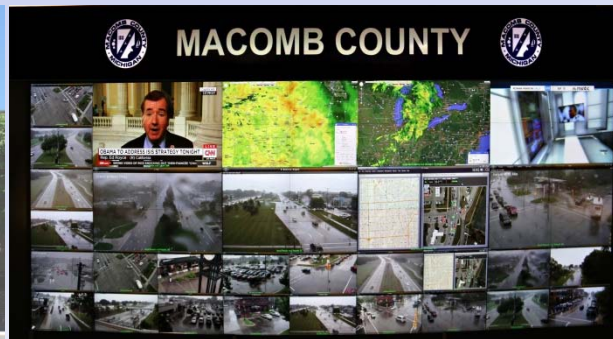


MACOMB COUNTY DEPARTMENT OF ROADS

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."

PERFORMANCE MEASURES



JANUARY 2019



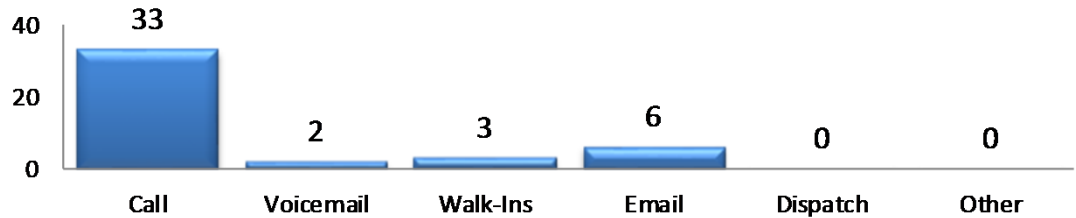
John Abraham, PhD, PE, PTOE
Director of Traffic & Operations
Macomb County Department of Roads
117 S Groesbeck Hwy
Mount Clemens, MI 48043
586-463-8671
JAbraham@RCMCWeb.org

INFORMATIVE TOC HIGHLIGHT

The Macomb County Department of Roads Traffic Operations Center strives to reduce delay along all county operated roadways. In the month of January, a Corridor of Significance Analysis (COSA) was performed along Van Dyke from 19 Mile to 27 Mile. The COSA is a process to improve traffic operations along a specific corridor. After the COSA, adjustments were made to improve peak traffic times resulting in decreased travel times while increasing traffic safety.

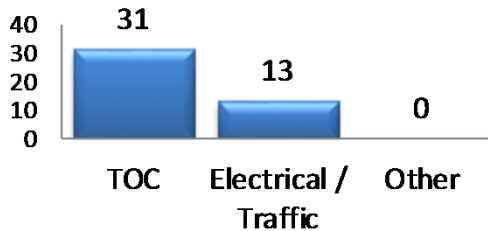
SERVICE REQUESTS

Source



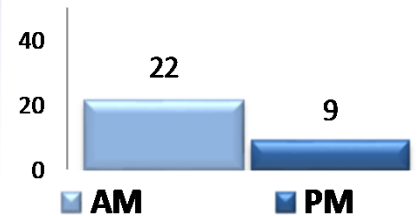
In the month of January, 44 incoming requests regarding traffic signals were received. The 'Source' chart shows how the service request was received by the TOC.

Service Request by Dept.

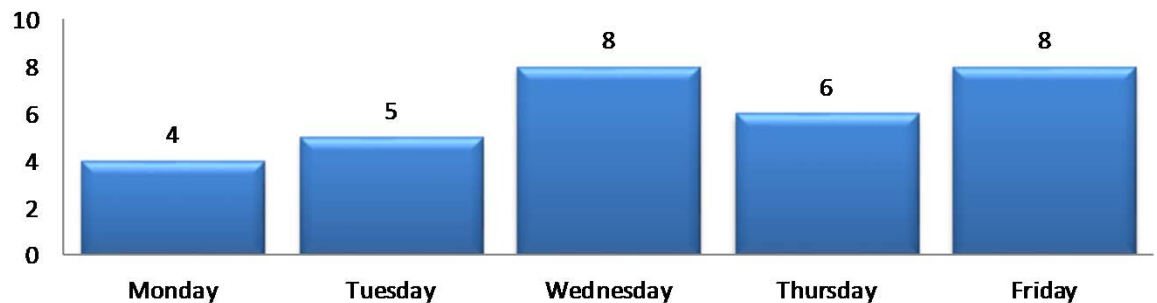


In the month of January, the TOC engineers closed 29 service requests within an average of 10 business days.

TOC AM/PM Requests



Service Request Per Day of Week



TRAFFIC OPERATIONS

January 2019

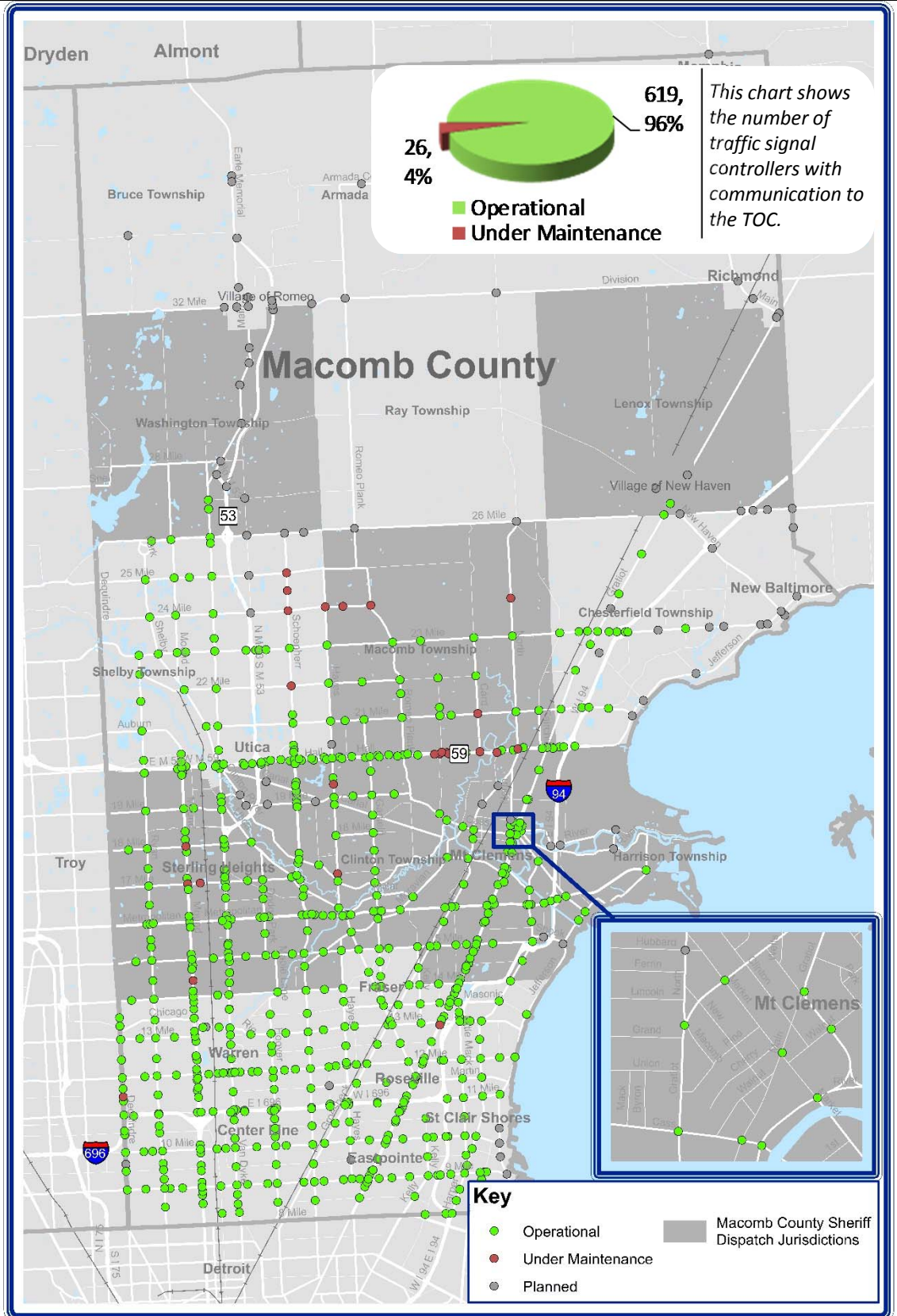


AECOM

REGIONAL COMMUNICATIONS SUMMARY

ITS MAINTENANCE

January 2019



During the target month, the TOC added 0 intersections to our operational communications network.

Locations considered to have operational communications are shown in **green**, while locations found not to have operational communications due to needed maintenance at the time of the snapshot are shown in **red**. Locations that are "Planned" have not yet been integrated into TOC network.



COUNTY CORRIDOR COMMUNICATIONS AVAILABILITY

| Corridor | Current Month | Previous Month | Change |
|---------------|---------------|----------------|--------|
| 9 Mile | 100% | 100% | 0% |
| 14 Mile | 73% | 73% | 0% |
| 15 Mile | 100% | 100% | 0% |
| Metro Parkway | 100% | 100% | 0% |
| Hall (M-59) | 85% | 98% | -13% |
| Dequindre | 100% | 100% | 0% |
| Ryan | 100% | 100% | 0% |
| Mound | 94% | 98% | -4% |
| Hoover | 100% | 100% | 0% |
| Schoenherr | 90% | 91% | -1% |
| Hayes | 88% | 95% | -7% |
| Gratiot (M-3) | 98% | 96% | 2% |
| Harper | 100% | 100% | 0% |

The table above represents a one-time monthly snapshot of communications along major corridors in Macomb County. Corridors which are considered to have operational communications (90% and above) are shown in **green**, while corridors found not to have operational communications (<90%) at the time of the snapshot are shown in **red**.

EXECUTED TRAFFIC SIGNAL UPGRADES

| January | Location | Upgrade |
|---------|----------|--|
| 00 | | No cut over information for this month |

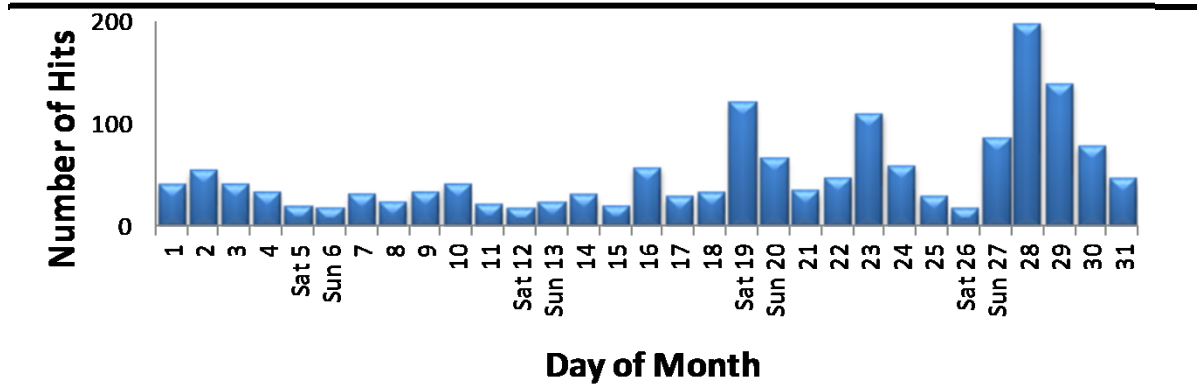
Tracks the roadway upgrades executed in Macomb County, including those done by other transportation agencies, also lists a description of the upgrades performed.

SIGNAL INFORMATION

January 2019

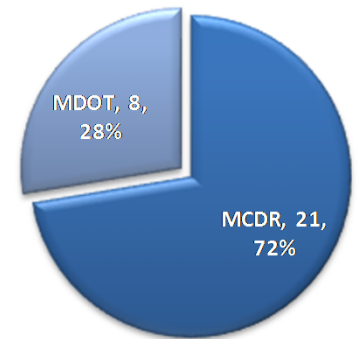
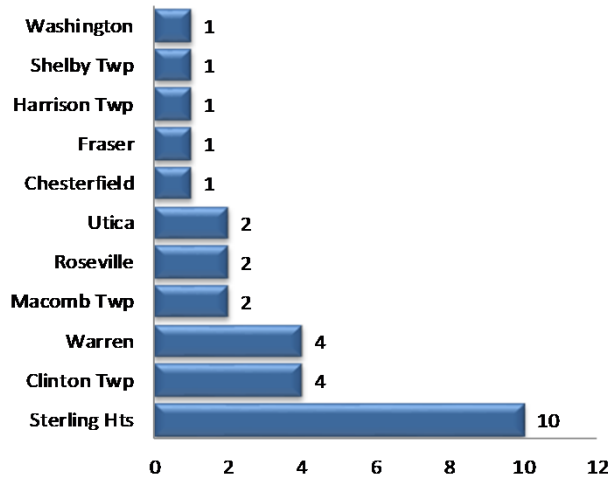


MCDR WEBSITE HITS



A total of 1,621 hits were accrued at <http://roads.macombgov.org/>.

SERVICE REQUESTS PER MUNICIPALITY

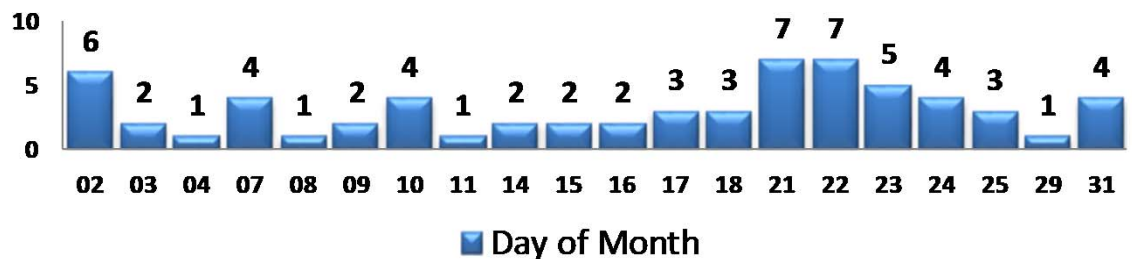


The chart to the left shows how many requests were created per traffic signal location under municipality jurisdiction and the chart to the right shows breakdown of the requests created under MDOT or MCDR / local municipality jurisdiction.

GOVDELIVERY NOTIFICATIONS

In the month of January, the TOC sent out 64 GovDelivery notifications, and increased the number of recipients from 1,275 to 1,299 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 only sent after the incident has been verified.

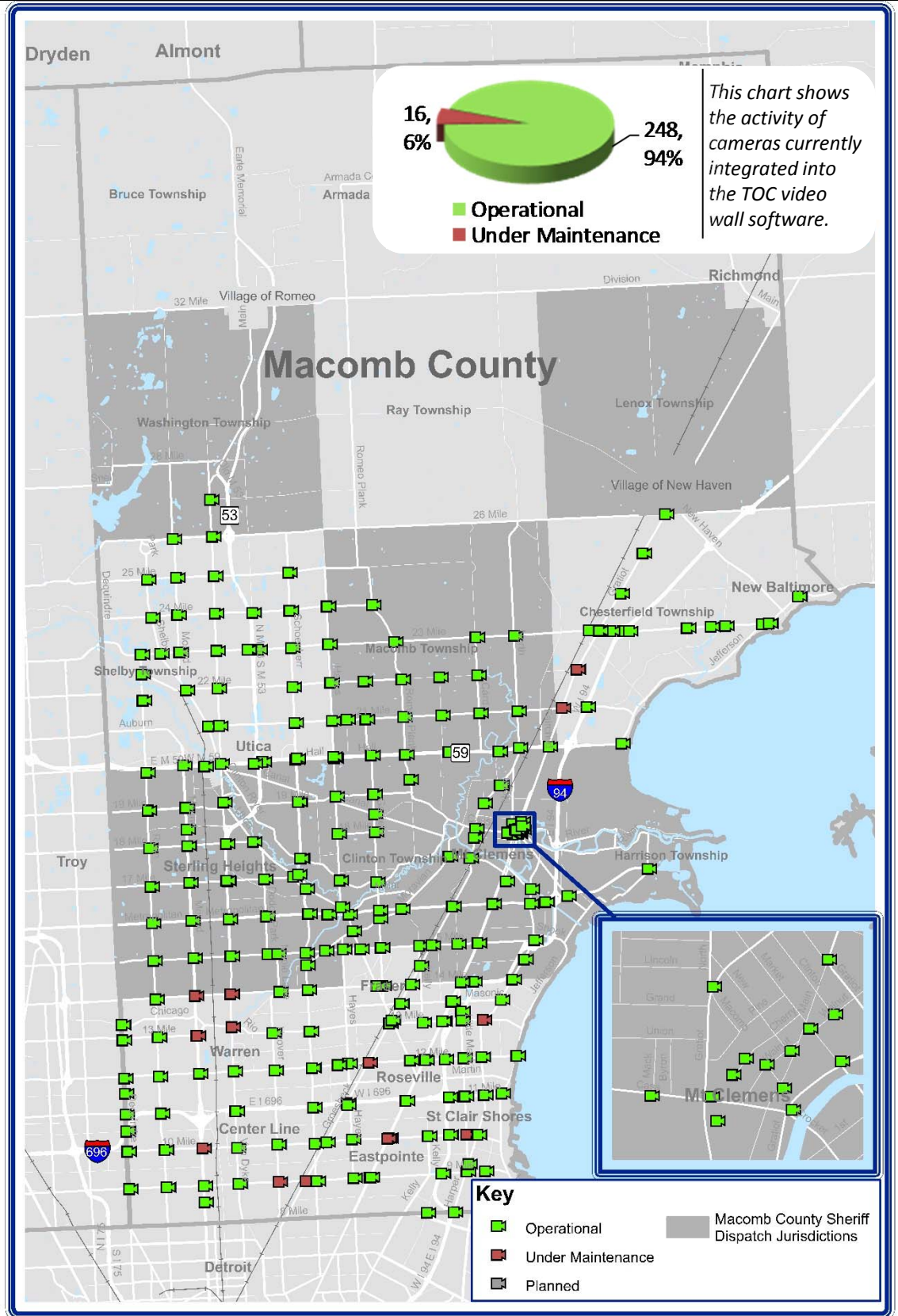
[Sign up for incident notifications on weekdays from 6 a.m. to 6 p.m. causing lane or roadway closures on major Macomb County arterials.](#)



CURRENT CAMERA LOCATIONS

CAMERA COVERAGE

January 2019



During the target month, the TOC added 19 cameras to be viewed on the video wall.

Cameras considered to have operational communications are shown in **green**, while cameras found not to have operational communications due to needed maintenance at the time of the snapshot are shown in **red**. Cameras that are "Planned" have not yet been integrated into TOC video wall software.

