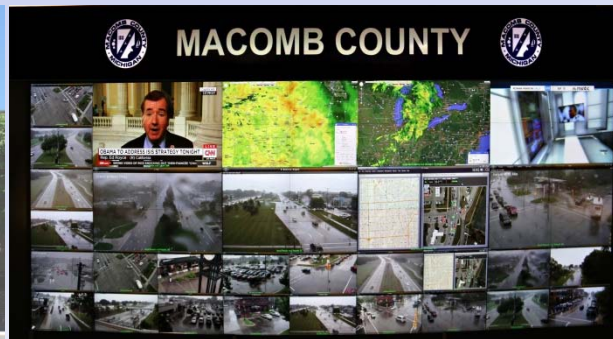


MACOMB COUNTY DEPARTMENT OF ROADS

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



March 2019



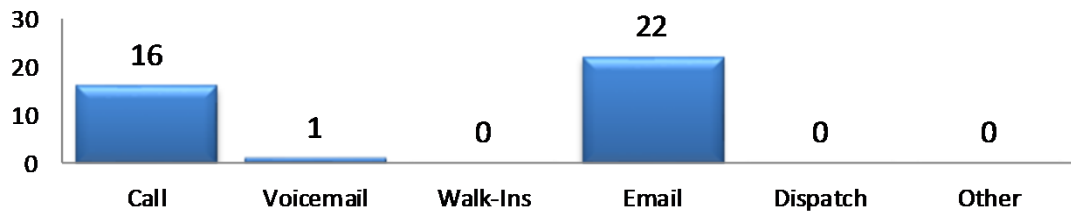
John Abraham, PhD, PE, PTOE
Director of Traffic & Operations
Macomb County Department of Roads
117 S Groesbeck Hwy
Mount Clemens, MI 48043
586-463-8671
JAbraham@RCMCWeb.org

INFORMATIVE TOC HIGHLIGHT

On March 1st, 2019, the Traffic Operations Center was able to communicate with Southeast Michigan Traffic Operations Center (SEMTOC) in response to an incident that occurred at I-696 at Dequindre. TOC engineers deployed emergency flush timing changes in effort to reduce congestion for the westbound movement. TOC operations technicians utilized the video wall and reported road conditions to the public until the incident came to its conclusion.

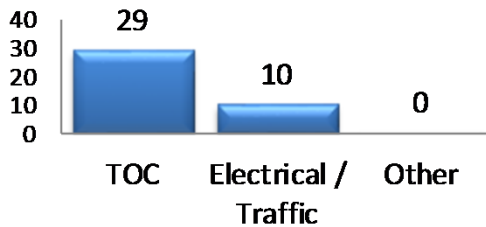
SERVICE REQUESTS

Source



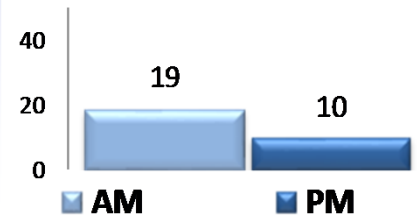
In the month of March, 35 incoming requests regarding traffic signals were received. The 'Source' chart shows how the service request was received by the TOC.

Service Request by Dept.

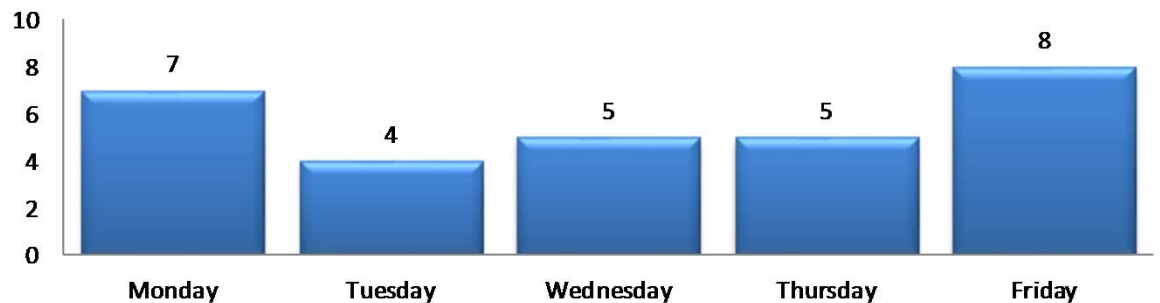


In the month of March, the TOC engineers closed 29 service requests within an average of 5 business days.

TOC AM/PM Requests



Service Request Per Day of Week



TRAFFIC OPERATIONS

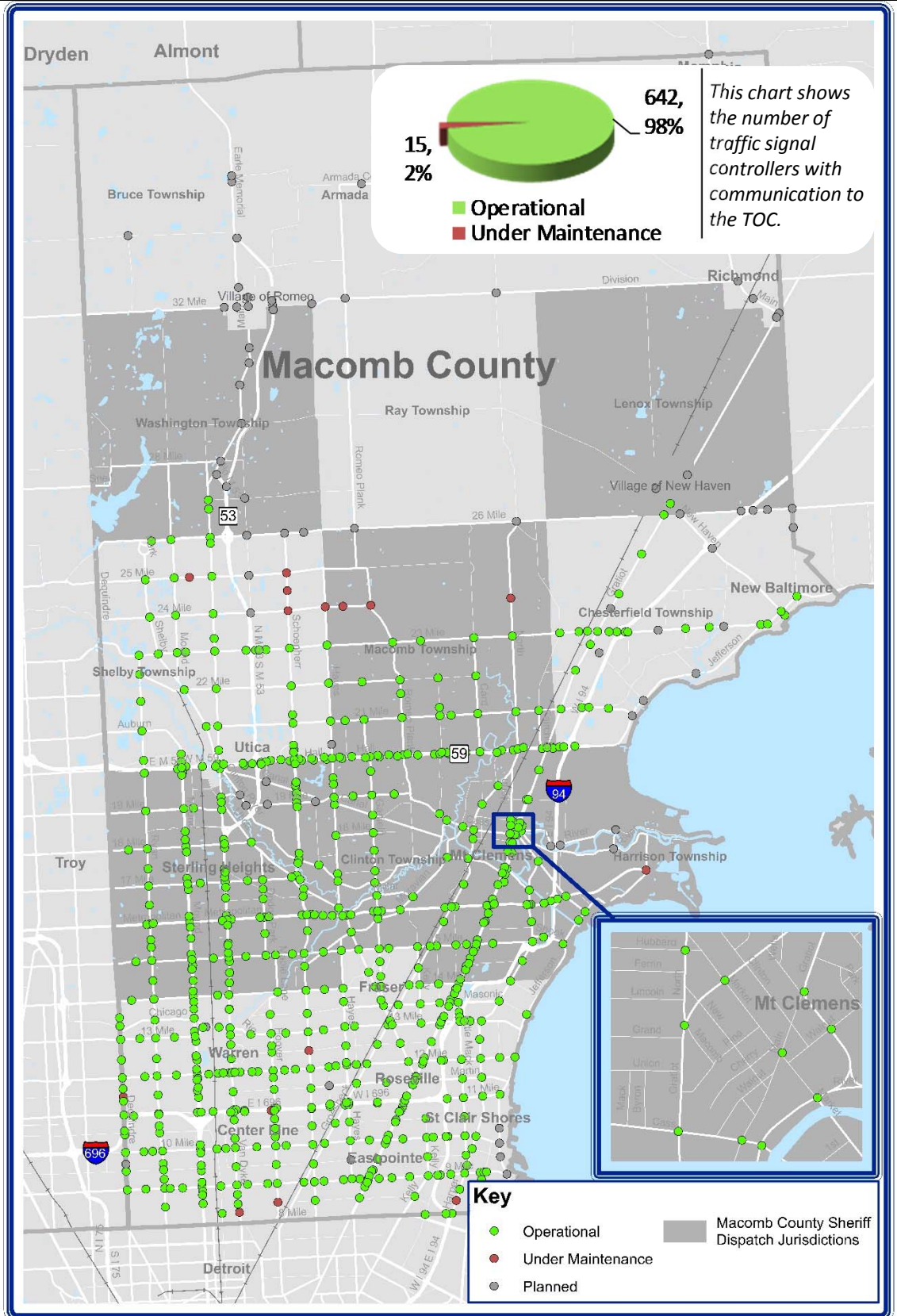
March 2019



REGIONAL COMMUNICATIONS SUMMARY

ITS MAINTENANCE

March 2019



During the target month, the TOC added 12 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 | 100% | 100% | 0% |
| 15 Mile | 100% | 100% | 0% |
| Metro Parkway | 97% | 100% | -3% |
| Hall (M-59) | 100% | 100% | 0% |
| Dequindre | 92% | 92% | 0% |
| Ryan | 100% | 96% | 4% |
| Mound | 100% | 98% | 2% |
| Hoover | 93% | 93% | 0% |
| Schoenherr | 90% | 85% | 5% |
| Hayes | 96% | 84% | 12% |
| Gratiot (M-3) | 100% | 100% | 0% |
| Harper | 95% | 95% | 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**.

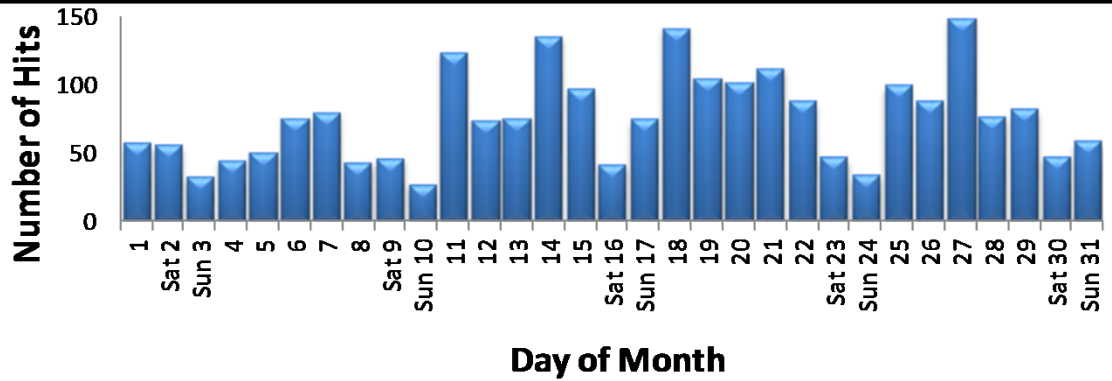
EXECUTED TRAFFIC SIGNAL UPGRADES

| March | 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.

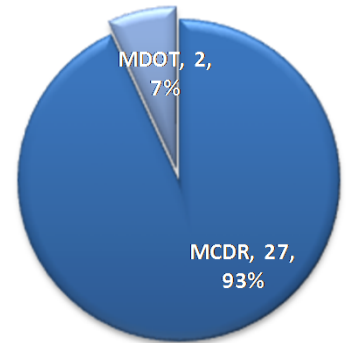
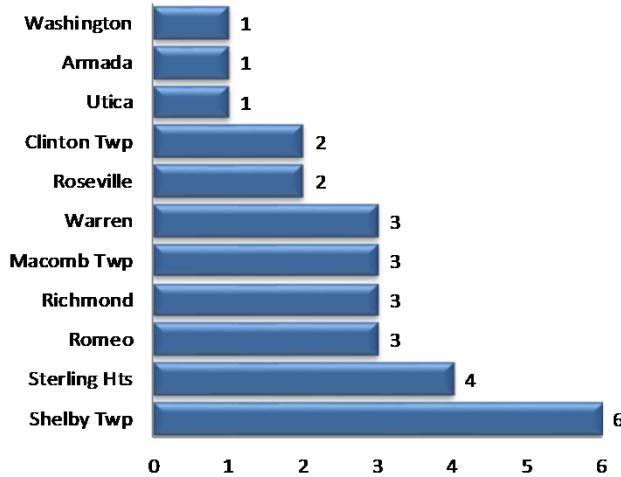


MCDR WEBSITE HITS



A total of 2,370 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 March, the TOC sent out 99 GovDelivery notifications, and increased the number of recipients from 1,355 to 1,391 receiving notifications.

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



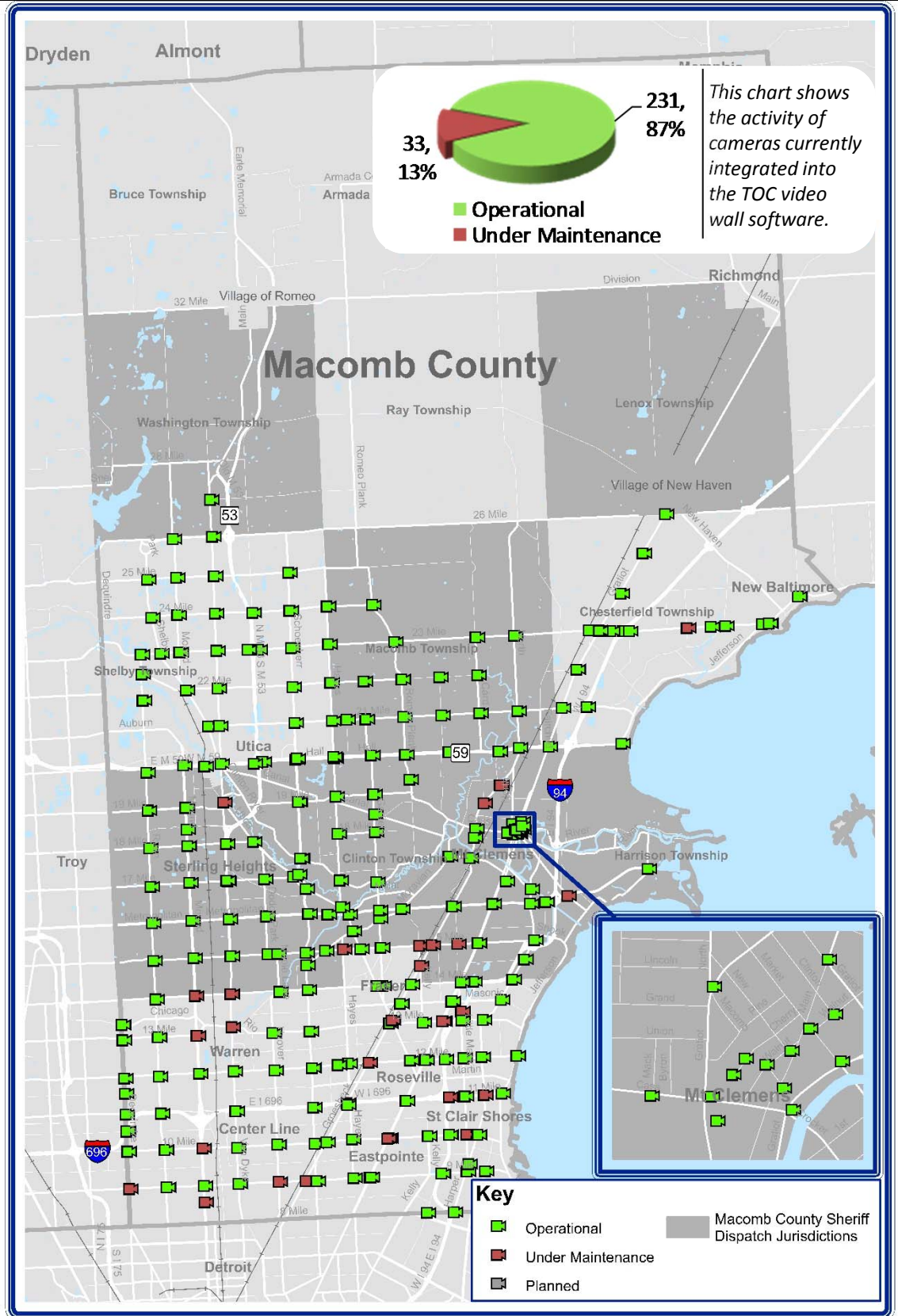
GovDelivery is a tool to notify Macomb County motorists of any incident blocking at least one lane of traffic, or causing traffic issues. The notifications are only sent after the incident has been verified.

[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

March 2019



During the target month, the TOC added 0 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.

