

# 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



February 2020

**AECOM**

**WSP**

**INTEGRAL  
BLUE**



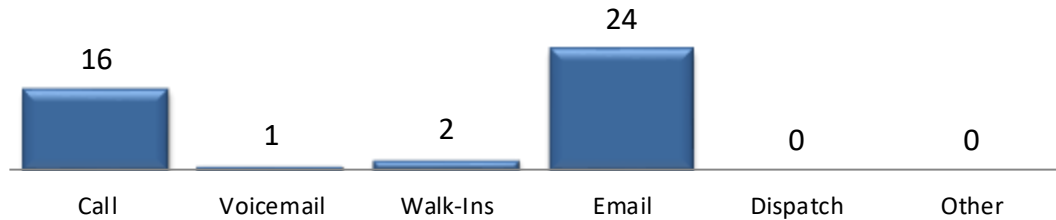
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# MONTHLY TOC HIGHLIGHT

On Tuesday, February 25th, Vice President Mike Pence spoke at the Detroit Marriott in Troy. At approximately 5:45 PM, the Macomb County Department of Roads (MCDR) Traffic Operations Center (TOC) received an impromptu request for camera coverage from the Macomb County Sheriff's Department. The request was part of a multi-pronged effort to ensure the safety of Vice President Pence as he traveled from Troy to Selfridge Air National Guard Base in Harrison Township. The TOC control room was able to provide continuous CCTV coverage to Dispatch as the Vice President's motorcade returned to Air Force Two.

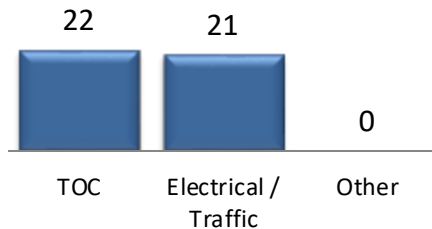
## SERVICE REQUESTS

### Service Request Source



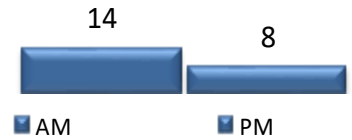
*In the month of January, 43 incoming requests regarding traffic signals were received.*

### Service Request by Dept.

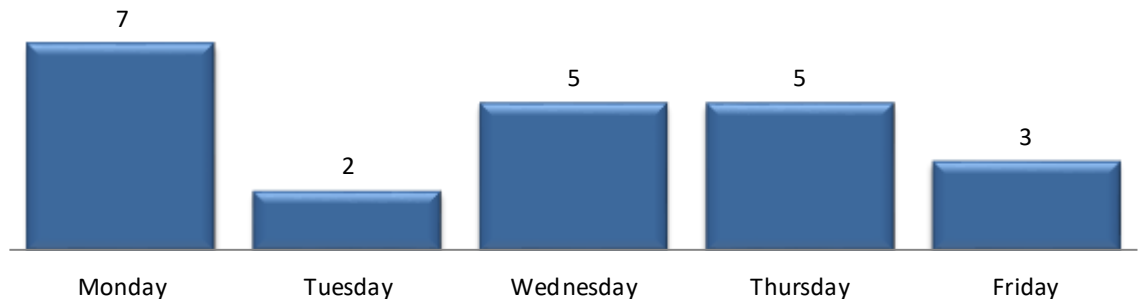


*In the month of February, TOC engineers closed 28 service requests within an average of 6 business days.*

### TOC by Time of Day



### Service Request Per Day of Week



TRAFFIC OPERATIONS

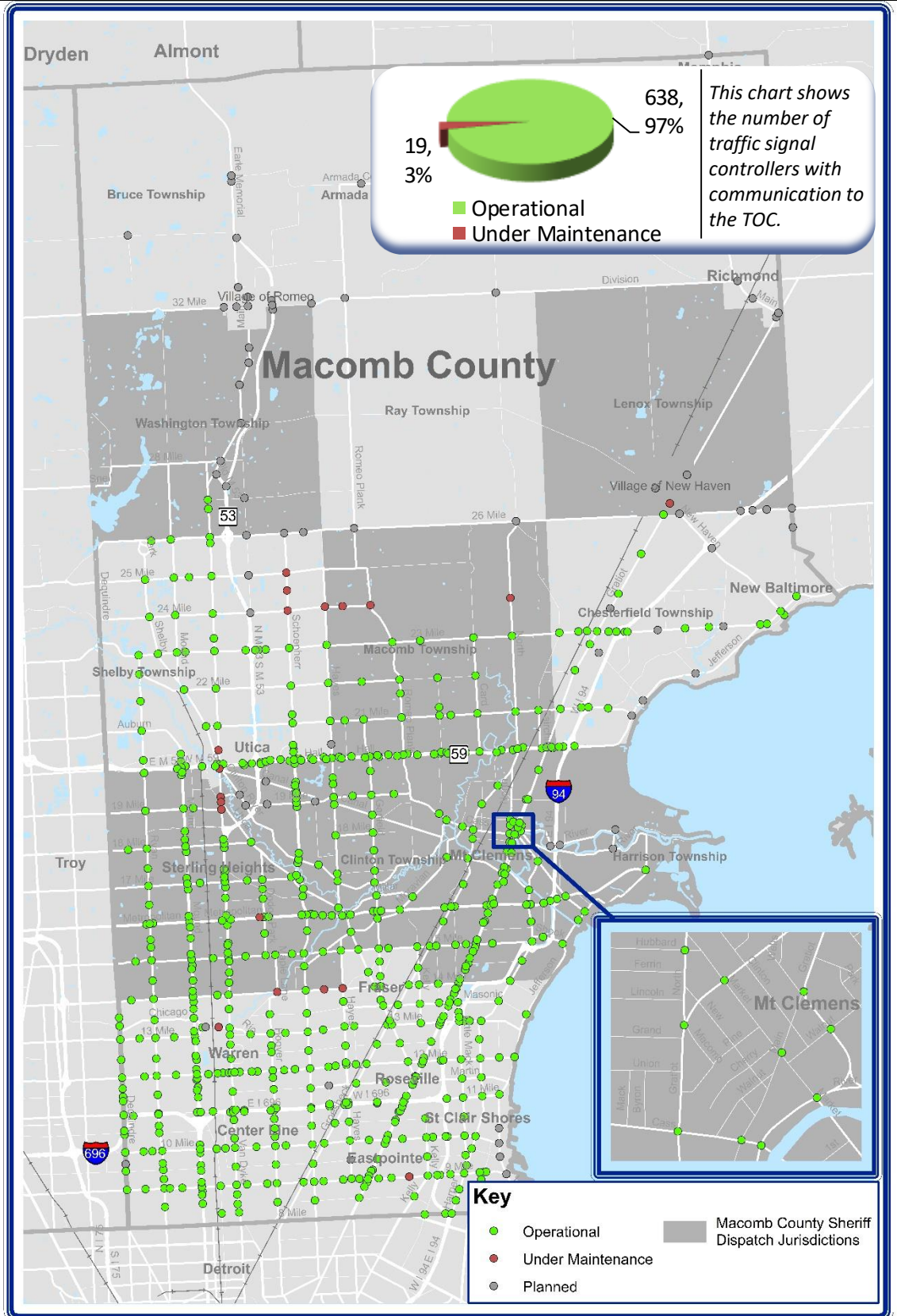
February 2020



# REGIONAL COMMUNICATIONS SUMMARY

## ITS MAINTENANCE

February 2020



During the target month, the TOC added 0 intersections to the 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 are shown in red. Locations that are "Planned" have not yet been integrated into TOC network.



# HIGH IMPACT CORRIDOR

## COMMUNICATIONS AVAILABILITY

Corridor	Current Month	Previous Month	Change
9 Mile	96%	96%	0%
14 Mile	81%	100%	-19%
15 Mile	100%	100%	0%
Metro Parkway	97%	97%	0%
Hall (M-59)	100%	100%	0%
Dequindre	100%	100%	0%
Ryan	100%	100%	0%
Mound	100%	100%	0%
Hoover	100%	100%	0%
Schoenherr	92%	92%	0%
Hayes	92%	96%	-4%
Gratiot (M-3)	98%	98%	0%
Harper	100%	95%	5%

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**.

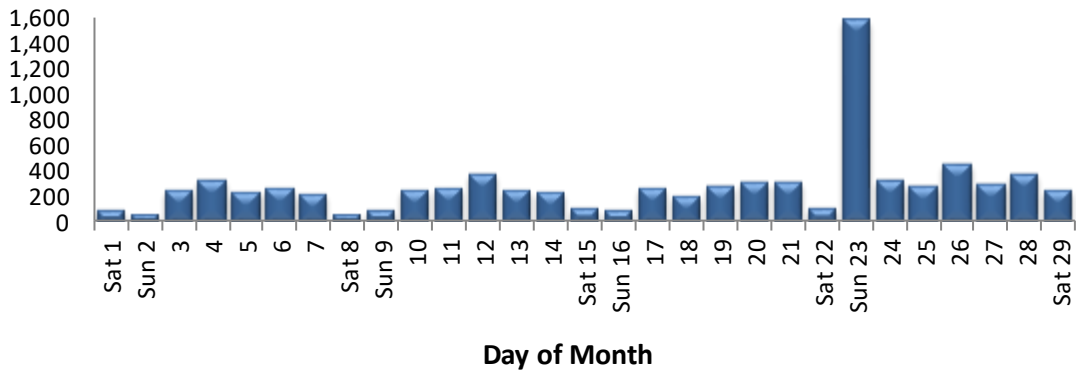
## EXECUTED TRAFFIC SIGNAL UPGRADES

February	Location	Upgrade
4th	Common @ Ryan	Construction Project - Conversion to new traffic signal
10th	14 Mile @ Mound	Construction Project - Conversion to new traffic signal
17th	Hoover @ Martin	Construction Project - Conversion to new traffic signal
19th	West Utica @ Mound	Construction Project - Conversion to new traffic signal

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

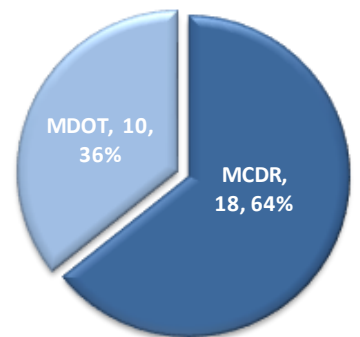
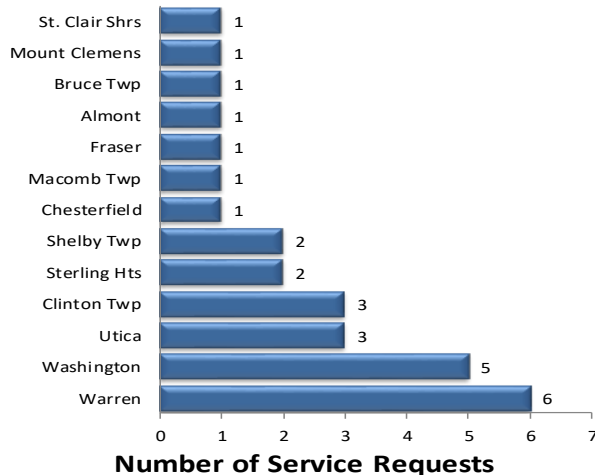


## MCDR WEBSITE HITS



A total of 8,193 hits were accrued at <http://roads.macombgov.org/>.

## SERVICE REQUESTS PER MUNICIPALITY

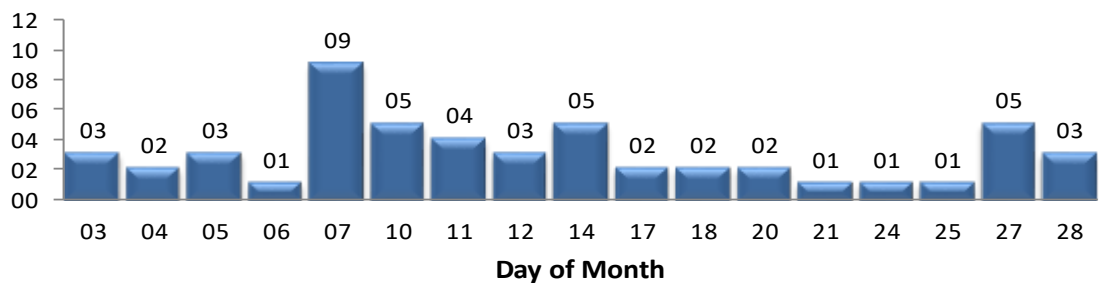


The chart to the left shows how many requests were created per traffic signal location under municipality jurisdiction. The chart to the right shows breakdown of the requests created under MDOT or MCDR / local municipality jurisdiction.

## GOVDELIVERY NOTIFICATIONS

In the month of February, the TOC sent out 52 GovDelivery notifications, and increased the number of recipients from 1,801 to 1,833 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.

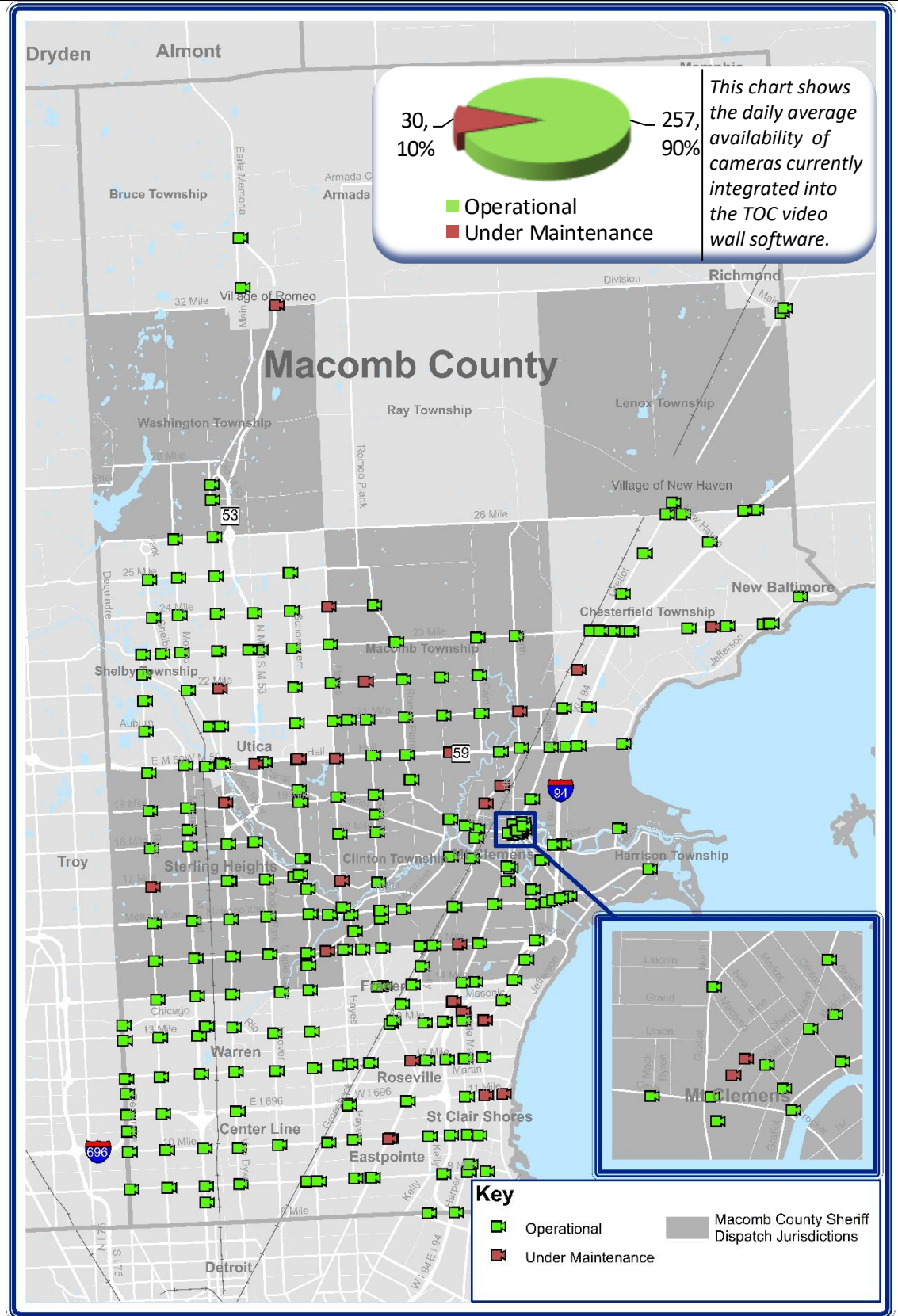
[Sign up for incident notifications on weekdays from 6 a.m. to 6 p.m. causing lane or roadway closures on major Macomb County arterials.](#)



# CURRENT CAMERA LOCATIONS

## CAMERA COVERAGE

February 2020



**During the target month, the TOC added 24 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 are shown in **red**.

