

# A GUIDE TO OPERATION GREEN LIGHT (OGL)

## PURPOSE OF OGL PROGRAM

The Kansas City-area **Operation Green Light (OGL) program** helps agencies manage traffic signals in real-time to improve traffic flow. It monitors signals for issues like malfunction flash, stuck pedestrian buttons, and faulty detection systems. It makes timing changes to improve traffic flow during construction or incidents and as travel patterns change over time due to growth and development.



## KEY OPERATIONS



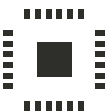
**Real-Time Monitoring:** The OGL team uses CCTV cameras to monitor signals. If there's a problem that can't be resolved immediately through the system, technicians are dispatched to fix the issue.



**Work Zones:** When lane closures happen, OGL can adjust traffic signals to help traffic flow better. This can include tweaking existing signal timings or running a different control strategy.



**Incident Management:** OGL responds quickly to traffic incidents by executing pre-planned timing responses to minimize disruptions. These plans have been developed in the areas surrounding I-35 from Antioch to 95th Street, I-435 from MO-210 to 63rd St and I-70 from I-470 to Manchester.



**Controller Programming:** Changes to intersections or new controllers require updates to timing settings – including red, yellow, and pedestrian timing. This can be done in advance at the OGL office or remotely.



## HOW OGL DATA CAN HELP YOU

OGL can provide agencies with traffic data, including Synchro models, traffic counts, and controller data. Agencies can request this data through OGL with the proper authorization.

## FAST FACTS

**750+** Traffic Signals

**200+** Roadway Miles

**1.7 Million** Trips/Day

**58/42** Federal Funding/Local Agency

## PLANNING, DESIGN AND CONSTRUCTION

- During planning and design work, agencies should provide the OGL team with a concept of operations or plan sheets to review any impacts on OGL traffic signals, especially if lane closures are involved.
- Project teams should coordinate early in projects involving OGL traffic signals to address signal timing, phasing, and network communications. OGL can also assist with mounting wireless radios or CCTV and support JSPs (job special provisions).
- If a project will impact an OGL signal, involve the OGL team in pre-construction meetings to prevent delays or issues.
- OGL Standard Details
- OGL Technical Special Provisions



For more information, please visit the [OGL website](https://marc.org/oglsite) and [OGL Signal Map](https://marc.org/oglsite).



[marc.org/OGL](https://marc.org/OGL)