Legislation Details (With Text)

File #:	BILL NO. 20-211	**Name:**	
Type:	Ordinance - Committee	**Status:**	Passed
File created:	10/1/2020	**In control:**	City Council - Regular Session
On agenda:	11/10/2020	**Final action:**	11/17/2020
Title:	An Ordinance authorizing the execution of a cooperative agreement for funding operations of Operation Green Light traffic control system by and between the City of Lee's Summit, Missouri, and the Mid-America Regional Council. (PWC 11/2/20)		
Sponsors:	Public Works Admin & Engineering		
Indexes:			
Code sections:			
Attachments:	1. Ordinance, 2. Agreement		

Date	Ver.	Action By	Action	Result
11/17/2020	1	City Council - Regular Session	for second reading	Pass
11/17/2020	1	City Council - Regular Session	adopted and numbered	Pass
11/2/2020	1	Public Works Committee	recommended for approval	Pass

An Ordinance authorizing the execution of a cooperative agreement for funding operations of Operation Green Light traffic control system by and between the City of Lee's Summit, Missouri, and the Mid-America Regional Council. (PWC 11/2/20)

Issue/Request:

An Ordinance authorizing the execution of a cooperative agreement for funding operations of Operation Green Light traffic control system by and between the City of Lee's Summit, Missouri, and the Mid-America Regional Council.

Key Issues:

- The Mid-America Regional Council (MARC) “Operation Green Light” (OGL) is traffic signal management program serving many State and Local agencies within the MARC region.
- OGL improves traffic efficiency, air quality and cost savings to local agencies through consolidated traffic signal coordination and control along major roadways.
- The City's share of the costs is $9,600 per year ($19,200 for the 2-year term) from the City’s general operating budget.
- The agreement is for a two-year term, renewable for one additional two-year term.
- This does not obligate the City to future operating and maintenance renewals with OGL.

Proposed Committee Motion:
I move to recommend to the City Council approval of an Ordinance authorizing the execution of a cooperative agreement for funding operations of Operation Green Light traffic control system by and between the City of Lee's Summit, Missouri, and the Mid-America Regional Council.

Proposed City Council Motion:
FIRST MOTION: I move for a second reading of an Ordinance authorizing the execution of a cooperative agreement for funding operations of Operation Green Light traffic control system by and between the City of Lee's Summit, Missouri, and the Mid-America Regional Council.

SECOND MOTION: I move for adoption of an Ordinance authorizing the execution of a cooperative agreement for funding operations of Operation Green Light traffic control system by and between the City of Lee's Summit, Missouri, and the Mid-America Regional Council.

Background:

Operation Green Light (OGL) is a metropolitan-wide project to standardize and link traffic control systems (e.g. traffic signals) among various municipal, state and county governmental entities in both Missouri and Kansas (approximately 30 agencies). OGL is responsible for maintenance and optimization of traffic signal timings and traffic signal coordination for those intersections included in the project.

Operation Green Light (OGL) began in 1998 as a concept and, over the years, has progressed through technical studies, design, implementation and in to the operations and maintenance phase. The feasibility report prepared for MARC by an independent consultant recommended that traffic signals within the Jurisdictional Boundaries of all of the Member Agencies be coordinated from a single Regional Traffic Management Center. Consolidated traffic signal management will improve traffic operational efficiency, improve air quality, and reduce operating expenses to the individual Member Agencies. OGL consolidated traffic operations control center is located in MoDOT's Kansas City District office in Lee's Summit.

The City has participated in Operation Green Light for over a decade causing MARC to design, construct and coordinate participating signals for the City. The City's participating signals include multi-jurisdictional corridors that yield the greatest benefit of traffic signal coordination. Those corridors include Douglas Street (Colbern Road to Chipman Road), Colbern Road at Town Centre Boulevard, Chipman Road (Douglas Street to Pryor Road), and Pryor Road (Chipman Road to I-470).

OGL is limited to arterial corridors in the roadway systems of each Member Agency. The City of Lee's Summit had been a participating agency with six (6) signals included in the project for over a decade. The City's participation in Operation Green Light has expanded to sixteen (16) signals. The signals that are part of OGL are located along Douglas Street from Chipman Road to Colbern Road (with two intersections being MoDOT's), along Colbern Road at Town Centre Boulevard (the remainder of Colbern Road eastward is a MoDOT OGL corridor), Chipman Road from Douglas Street to Pryor Road (with three intersections being MoDOT's), and Pryor Road from Chipman Road to I-470 (with two intersections being MoDOT's).

OGL is responsible for maintenance and optimization of traffic signal timings and traffic signal coordination for those intersections included in the project. OGL provided signal coordination includes various time of day patterns, adjustments, and event/incident management strategies.

OGL has completed construction and timing for the project intersections located in Lee's Summit as well as over 800 intersections located throughout the region. Continuance of the OGL program is contingent on the approval of this and similar contracts between MARC and over two dozen other local and state agencies. The operating and maintenance costs consider known federal subsidies.

In order to continue working with OGL, the City must approve and agreement with MARC that describes the parties responsibilities in funding the cost of operation of a Regional Traffic Control System, along with implementing and operating such a system. The cost of $9,600 per year provides operation and maintenance coverage according to the terms of agreement for the annual period. The amount of local funding obligated by renewal of this contract is included in the approved FY21 Public Works operating budget.

Bob Hartnett, Interim Director of Public Works (V)

Staff recommends approval.

The Public Works Committee voted unanimously 4-0 to recommend to City Council approval of an Ordinance authorizing the execution of a cooperative agreement for funding operations of Operation Green Light traffic control system by and between the City of Lee's Summit, Missouri, and the Mid-America Regional Council.