

RESOLUTION NO. R-14-89

A RESOLUTION AUTHORIZING A COOPERATIVE AGREEMENT BETWEEN THE CITY OF GLADSTONE AND THE MID-AMERICA REGIONAL COUNCIL (MARC) FOR FUNDING THE INSTALLATION OF CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS ON NORTH OAK TRAFFICWAY AT NORTH ENGLEWOOD ROAD AND NORTHEAST 72ND STREET.

WHEREAS, MARC performed a feasibility study "*Operation Green Light Feasibility Report, June 2000*" (hereafter, the "Feasibility Report"), which created a regional arterial traffic signal coordination system known as "Operation Green Light"; and

WHEREAS, Operation Green Light is able to significantly enhance the operations of its program by using Closed Circuit Television (CCTV) cameras with Pan-Tilt-Zoom (PTZ) at specific intersections to identify traffic incidents in real-time; and

WHEREAS, Operation Green Light will install one (1) CCTV camera at North Englewood Road and North Oak Trafficway and one (1) CCTV camera at Northeast 72nd Street and North Oak Trafficway at a cost of \$3,584.00; and

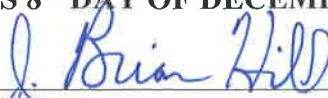
WHEREAS, the City of Gladstone will maintain each camera and will have access to each camera through Operation Green Light.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF GLADSTONE, MISSOURI AS FOLLOWS:


THAT, the City Manager of the City of Gladstone, Missouri, is hereby authorized to execute a cooperative agreement with the Mid-America Regional Council (MARC) for funding the installation of one (1) CCTV camera at the intersection of North Englewood Road and Northeast 72nd Street and one (1) CCTV camera at the intersection of Northeast 72nd Street and North Oak Trafficway in an amount not to exceed Three Thousand, Five Hundred and Eighty Four Dollars and 00/100 (\$3,584.00).

FURTHER, THAT, funds for such purpose shall be provided from the Transportation Sales Tax Fund.

INTRODUCED, READ, PASSED AND ADOPTED BY THE COUNCIL OF THE CITY OF GLADSTONE, MISSOURI, THIS 8th DAY OF DECEMBER 2014.



J. Brian Hill, Mayor

ATTEST:


Ruth E. Bocchino, City Clerk



**Department of Public Work
Memorandum**



DATE: December 1, 2014
TO: Kirk L. Davis, City Manager
FROM: Timothy A. Nebergall, Director of Public Works *TAN*
SUBJECT: Operation Green Light Closed Circuit Television Camera Project

Operation Green Light (OGL) along N. Oak Trafficway has been operational since 2009. The N. Oak corridor, which begins at NE 42nd Street and ends at New Mark, includes a total of 21 intersections, 6 of which are located within the City of Gladstone.

OGL has proven to be an invaluable resource in monitoring existing traffic signals. OGL staff has contacted the City on a variety of issues including non-operational traffic loops and pedestrian signals. Furthermore, OGL staff assisted in collecting traffic counts and the programming of the new traffic signal at N. Oak Trafficway and NE 76th Street.

To further enhance the program, OGL is proposing to install a total of two (2) closed circuit television (CCTV) cameras along N. Oak Trafficway. One (1) camera would be located at N. Englewood Road and N. Oak Trafficway and the second would be located at NE 72nd Street and N. Oak Trafficway. The purpose of the cameras would be to provide real-time monitoring of traffic conditions and to troubleshoot potential issues as they arise. The City of Gladstone would have access to each camera through OGL, which would have further benefits including monitoring of road conditions during snow and ice events.

OGL is proposing to bid the basic installation within the next 30 days. The Federal Surface Transportation Program will fund 80% of the installation. Initially, the cameras will not record data, however, the project could be expanded in the future. Maintenance of the cameras is the responsibility of the City.

Based upon the information collected to date, staff is recommending that the City execute an agreement with MARC to fund the installation of the two (2) CCTV cameras at a cost of \$3,584. Funding is available from the TST Fund.

If you have any questions, please contact me at your convenience.

R-14-89

MID-AMERICA REGIONAL COUNCIL'S
OPERATION GREEN LIGHT PROGRAM

AGREEMENT

PARTIES: City of Gladstone, MO hereinafter referred to as the "City"

Mid-America Regional Council, hereinafter referred to as "MARC"

PURPOSE: Operation Green Light (OGL) is a program that works with Kansas City area jurisdictions to develop and implement a system that will coordinate traffic signal timing and communication between traffic signal equipment across jurisdictional boundaries. This project will help reduce unnecessary stops, delays and emissions that contribute to ozone pollution and improve traffic flow.

OGL is able to significantly enhance the operations of its program by using Closed Circuit Television (CCTV) cameras with Pan-Tilt-Zoom (PTZ) at intersections to identify traffic incidents. Selecting prime corridors along key freeway diversion routes, OGL can work closely with KC Scout and other agencies to manage freeway traffic and arterial coordination. This could enable active incident and corridor management of freeways and arterials. Up to 62 CCTV cameras may be installed at high priority intersections to allow response to traffic signal problems in real-time for daily operations and incident management.

Additionally, the OGL communications network will be enhanced with additional wireless links for increased system reliability including 10 wireless radios, 2 new backbone links and 3 upgraded system links.

EFFECTIVE The parties mutually agree to Articles I, II and III in accordance with this Agreement as of the 31st day of December, 2014.

ARTICLE I

CITY AGREES:

1. To fund their portion of OGL project for an amount maximum \$3584.00 of the total actual and eligible OGL system costs; and
2. To participate in the OGL system and provide MARC with all required technical assistance, data and any other necessary information needed to successfully manage or operate the OGL system.

ARTICLE II

MARC AGREES:

1. To lead the OGL systems operations and provide project management;
2. To coordinate the OGL Steering Committee, comprised of representatives from Missouri Department of Transportation, the Cities of Gladstone, Independence, Kansas City, Lee's Summit, Liberty, North Kansas City, Raymore, Raytown, Kansas Department of Transportation, Fairway, Leawood, Lenexa, Merriam, Mission, Mission Woods, Olathe, Overland Park, Prairie Village, Shawnee, Westwood and the Unified Government of Wyandotte County/Kansas City; and
3. To facilitate any input or direction given by the committee.
4. To install two (2) Closed Circuit Television Cameras located at the N. Oak Trafficway at Englewood Road and NE 72nd Street. The City shall be provided access to each camera.

ARTICLE III

BOTH PARTIES MUTUALLY AGREE:

1. That this Agreement and all contracts entered into under the provisions of this Agreement shall be binding upon Gladstone and MARC; and
2. That no third party beneficiaries are intended to be created by this Agreement, nor do the parties herein authorize anyone not a party to this Agreement to maintain a suit for damages pursuant to the terms or provisions of this Agreement.

IN WITNESS WHEREOF: the parties hereto have caused this Agreement to be signed by their authorized officers on the day and year first above written.

Mid-America Regional Council

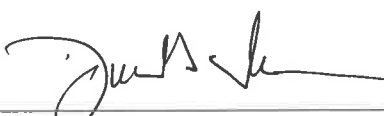
City of Gladstone, MO

David Warm

Kirk L. Davis

Executive Director

City Manager



Signature



Signature