

ITEM: CREATE CIP GG19-07 FOR CITYWIDE SURVEILLANCE SYSTEM

RECOMMENDATION: Council to Discuss and Consider the Adoption of a Resolution Approving the Creation of CIP GG19-07 for Citywide Surveillance System and Related Budget Amendment

SUMMARY:

Over the last several months, staff has been exploring the benefits of installing a citywide surveillance system as well as researching available options to purchase the system. Surveillance systems are being used by public safety agencies for crime prevention purposes while protecting the public. In an effort to utilize technology to enhance crime prevention and citizen safety, the proposed System would encompass a combination of stationary and mobile surveillance equipment.

The proposed surveillance system will be funded from Measure C and the General Fund through the Police Services Budget (available funds from vacant Police Chief position). At their January (2019) meeting, the Measure C Oversight Committee found this expense in compliance with the intent of the Measure. Staff recommends Council consider the creation of Capital Improvement Project (CIP) GG19-07, and approve a budget amendment to allocate funding for the purchase and installation of the surveillance system. In addition, the City will develop policies to ensure compliance with State laws and the safekeeping of the system and the data collected.

BACKGROUND:

The battle against crime is a difficult one, and it is never-ending. Governmental Agencies throughout the region are increasingly accessing the assistance of surveillance systems to enhance citizen safety and help prevent crime. Some neighboring cities have already deployed surveillance technology, which could allow for the sharing of information, and assist in identifying wanted criminals that may travel throughout the City of Lathrop and neighboring jurisdictions.

City staff were tasked to conduct research on existing surveillance technology. Over a period of several months, staff have researched the efficiency, benefits, challenges and opportunities provided by this technology. Staff has surveyed other agencies with surveillance technology already in place to gain in-depth knowledge on the process and its many uses concluding that Automated License Plate Recognition (ALPR) systems offer reliable crime prevention tools to law enforcement.

A typical ALPR system includes a number of components functioning together in order for the license plate information to be captured, processed, and accessed through the database software. The ALPR camera does not identify any individual or access their personal information through its analysis of license plate numbers. The data captured by the ALPR unit itself is completely anonymous and only authorized personnel who have met the minimum training, certification, and background checks required for access to criminal justice data would have access to the ALPR database.

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ALPRs generally consist of high speed cameras placed in strategic locations (usually heavy traffic intersections) to capture images of license plates. In a matter of seconds, the device converts the plate numbers in the photos into text that is checked against law enforcement agencies' databases to retrieve potential plates suspected of being connected to criminal activity. If the data collected produces a match, law enforcement personnel is then alerted for further review and analysis of the information retrieved.

The City's standard surveillance cameras were purchased from Motorola Company. Motorola recently purchased Vigilant, the world leader in license plate identification, and owns the largest repository of license plate information. The City has tested both vendors' technology, Motorola and Vigilant. Currently, Motorola has a surveillance camera system with technology that covers multiple traffic lanes with one camera. On the other hand, Vigilant's cameras require one camera for each lane of traffic making it costly to purchase and maintain. City staff has tested the Motorola multiple traffic lane system and has found that it works well.

The proposed Motorola surveillance system uses cameras mounted on stationary locations and/or trailers to record video and license plate information. Stationary locations would include various entry points, including near highway entrances and other known roadways that are used to access the City. Staff proposes installing ALPRs at the following intersections:

- Harlan Road and Louise Avenue
- Golden Valley Parkway and River Islands Parkway
- Harlan Road and Lathrop Road
- Lathrop Road and 5th Street

Other intersection options may be Golden Valley Parkway and Lathrop Road once the traffic signal is installed and Louise Avenue and McKinley once the intersection improvements are complete. Also, one (1) trailer will be purchased to incorporate portable stations. The City's intent is to utilize the system to proactively identify crime as it occurs in the City.

The cost per intersection, including equipment and installation, is approximately \$30.5 thousand. In addition, the purchase of a mobile trailer is estimated to be \$67 thousand. The total cost for six (6) locations, including one (1) mobile trailer fully equipped with surveillance, license plate readers and solar technology, would be approximately \$250 thousand. An additional \$175 thousand is included for miscellaneous equipment and components or for the purchase of additional portable surveillance equipment as desired by Council. This cost estimate also includes ninety days (90) of local video retention, as required by the City's video retention ordinance.

Staff recommends Council consider the creation of CIP GG19-07, and approve a budget amendment to allocate funding for the purchase and installation of surveillance systems at select locations throughout the City.

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REASON FOR RECOMMENDATION:

The proposed Surveillance System represents an effort to utilize technology to enhance crime prevention and citizens' safety.

FISCAL IMPACT:

The proposed surveillance system will be funded from Measure C and the General Fund through the Police Services Budget (available funds from vacant Police Chief position). The estimated cost for CIP GG19-07 is approximately \$425,000.

Budget Amendment

Decrease Expenditure 1010-40-10-425-10-00	(Salary Savings)	\$(175,000)
Increase Transfer Out 1060-99-00-990-90-10	(Measure C)	\$250,000
1010-99-00-990-90-10	(Salary Savings)	\$175,000
Increase Transfer In 3010-80-00-393-00-00	GG19-07	\$425,000
Increase Expenditure 3010-80-00-420-01-00	GG19-07	\$425,000

ATTACHMENTS:

- A. Resolution Approving Creation of CIP GG19-07 and Authorizing Related Budget Amendments

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APPROVALS:



Tony Fernandes
Information Technologies Manager

4-2-19

Date



Cari James
Director of Finance

4/2/19

Date



Salvador Navarrete
City Attorney

4-3-19

Date



Stephen Salvatore
City Manager

4.3.19

Date

RESOLUTION NO. 19-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LATHROP APPROVING THE CREATION OF CIP GG19-07 FOR A CITYWIDE SURVEILLANCE SYSTEM AND RELATED BUDGET AMENDMENT

WHEREAS, over the last several months, staff has been exploring options to purchase a citywide surveillance system; and

WHEREAS, agencies throughout the region are increasingly installing surveillance systems to enhance citizen safety and help prevent crime; and

WHEREAS, the surveillance system will assist laws enforcement with identifying stolen or wanted vehicles, sexual predators, and missing persons, to name a few; and

WHEREAS, in an effort to utilize technology to enhance crime prevention and citizen safety, the proposed System will encompass a combination of stationary and mobile surveillance equipment; and

WHEREAS, for the past eight years, Motorola Company has been the City's standard surveillance system provider; and

WHEREAS, the proposed Motorola surveillance system uses cameras mounted on stationary locations and/or trailers to record video and license plate information; and

WHEREAS, stationary locations will include various entry points, including near highway entrances and other known roadways that are used to access the City; and

WHEREAS, the cost per intersection, including equipment and installation, is estimated to be \$30,500 and the cost of a mobile trailer is estimated to be \$67,000; and

WHEREAS, the total cost for six locations, including one mobile trailer fully equipped with surveillance, license plate readers and solar would be approximately \$250,000; and

WHEREAS, an additional \$175,000 is included for the installation of electricity and wireless services as needed and the purchase of additional mobile surveillance as desired by Council; and

WHEREAS, the surveillance system will be funded \$175,000 from salary savings and \$250,000 from Measure C;

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Lathrop does hereby approve creation of CIP GG1907, for citywide surveillance system, along with the following budget amendment:

Decrease Expenses 1010-4010-425-1000	(Salary Savings)	\$(175,000)
Increase Transfer Out 1060-9900-990-9010	Measure C	\$250,000
1010-9900-990-9010	Salary Savings	\$175,000
Increase Transfer In 3010-8000-391-0000	GG19-07	\$425,000
Increase Expense 3010-8000-420-0100	GG19-07	\$425,000

The foregoing resolution was passed and adopted this 8th day of April, 2019, by the following vote of the City Council, to wit:

AYES:

NOES:

ABSENT:


ABSTAIN:

Sonny Dhaliwal, Mayor

ATTEST:

APPROVED AS TO FORM:

Teresa Vargas, City Clerk



Salvador Navarrete, City Attorney

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