



TO: Mayor and Councilmembers

FROM: Charles W. Ebeling, Public Works Director

CONTACT: Marti Milan, Principal Civil Engineer

SUBJECT: Approval of Plans for the Installation of Signal Preemption for the Fire Department

RECOMMENDATION:

- A. Approve the plans for the installation of the Signal Preemption at thirteen signalized intersections in the City of Goleta.
- B. Authorize the City Manager to execute the Amended Public Safety Funding for Opticom System Letter.

BACKGROUND:

On April 17, 2018, Council approved Agreement No. 2018-030 for a contribution of \$174,000 from the Public Safety Fund 212. This contribution was to be provided to the Santa Barbara County Fire Department (Fire Department) for the purchase of an Opticom Infrared System equipment that provides a green light preemption and the right-of-way to emergency vehicles. The Fire Department engaged DDL Traffic, Inc. (DDL) to provide for the installation of the equipment and DDL requested an encroachment permit to install the equipment.

DISCUSSION:

In order for DDL to install the equipment it is appropriate for Council to approve the plans for the installation on thirteen City traffic signals. The intersections include the following locations:

Street	Cross Street	Number of Intersections
Storke Road	Phelps Road, Camino Real Marketplace, and Hollister Avenue	3
Hollister Avenue	Glen Annie Road, Camino Real Marketplace, Pacific Oaks Road, Los Carneros Road, Fairview Road, Kellogg Avenue, and Highway 217 west bound off ramp	7
Los Carneros Road	Calle Koral	1
Calle Real	Fairview Road and Kellogg Avenue	2

Attachment 1 to this report is a standard plan for the installation of the equipment and it is recommended that the City Council approve the plan for design immunity. Public Works staff will need to inspect the installation to the existing systems in order for the preemption to work in coordination with the signal controller. The cost will be borne by DDL and will be tracked through a deposit account for the encroachment permit. On April 17, 2018, when this item was first heard by Council, it was anticipated that the future maintenance was to be provided by Fire Department. It has since been determined by the Public Works Director that it would be better for the City to maintain this equipment. The Amended Public Safety Funding for Opticom System Letter (Attachment 2) was amended to specifically call out future maintenance of the equipment on the signal poles by the City. It is important that the Public Works Department maintain all equipment on our traffic signals since there is a significant liability associated with safety for the public.

FISCAL IMPACTS:

The funding for the preemption equipment was encumbered last year. The Fire Department has not invoiced the City for the equipment as of this time. It is anticipated that the additional costs for maintenance would not exceed \$1,000 per year over the long term. For this year it would be absorbed into the existing signal maintenance contract anticipating minimal, if any, costs in the first year.

GL Account	Fund	FY19 Budget	YTD Actual	Encumbrance	Available Budget
212-5-7100-223	Public Safety Fund	\$324,099	\$144,000	\$174,000	\$0

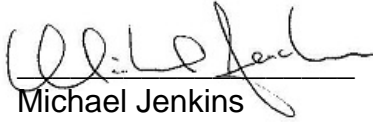
Additionally, the amended Public Safety Funding for Opticom System Letter, states that the purchase of equipment by the agency will be donated back to the City. This will result in an increase of City's capital assets by the amount of the equipment, and an estimated useful life of 25 years.


ALTERNATIVES:

Council could not approve the plans for the installation of the preemption equipment, but this would further delay the installation of the improvements.

Legal Review By:

Approved By:


Michael Jenkins
City Attorney

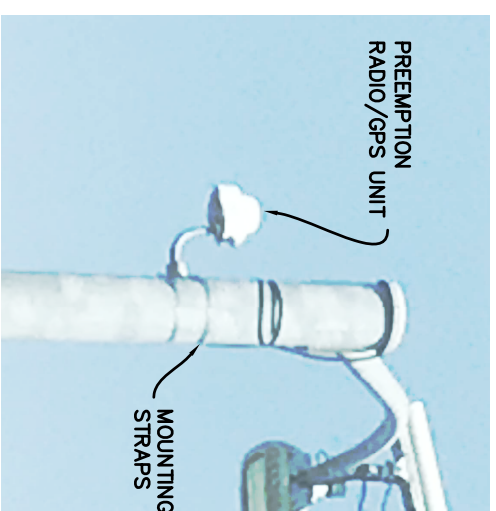
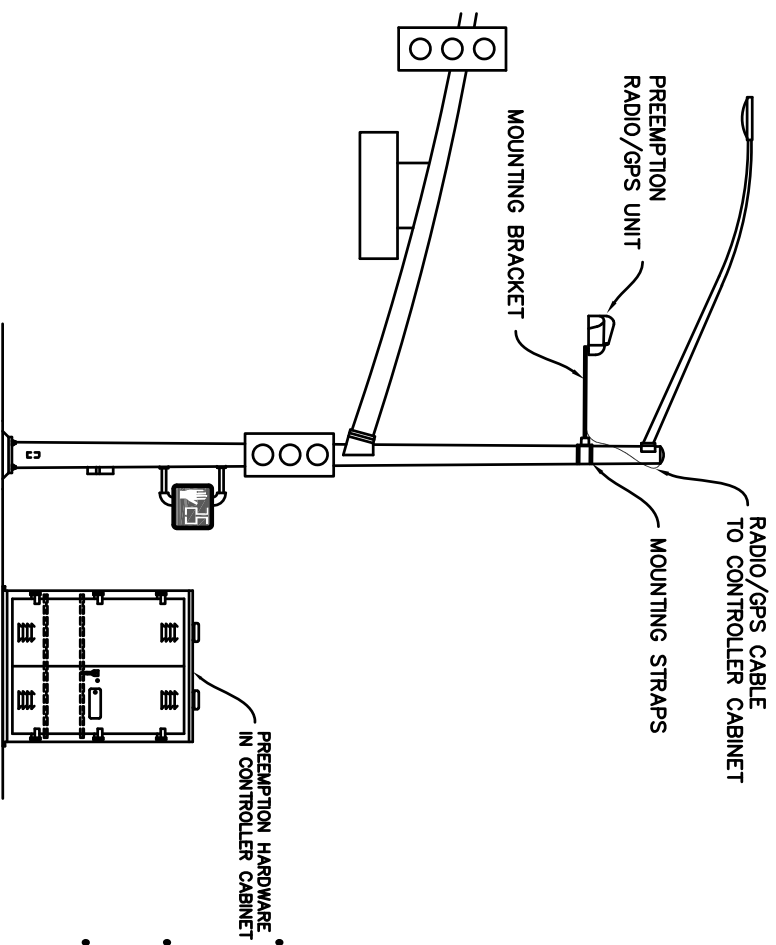

Michelle Greene
City Manager

ATTACHMENTS:

1. Standard Detail for the Installation of the Preemption Equipment – Plan
2. Amended Public Safety Funding for Opticom System Letter

ATTACHMENT 1

Standard Detail for the Installation of the Preemption Equipment – Plan



- TRAFFIC POLE MOUNTED RADIO/GPS UNIT CONTAINING A GPS RECEIVER WITH ANTENNA AND A 2.4 GHZ TRANCEIVER WITH ANTENNA (OPTICOM MODEL 3100). MOUNTED WITH METAL STRAPS.
- RADIO/GP CABLE FROM UNIT TO PREEMPTION HARDWARE IN TRAFFIC SIGNAL CONTROLLER CABINET VIA POLE AND EXISTING CONDUCTOR CONDUIT SYSTEM.
- PREEMPTION HARDWARE CONSISTS OF PHASE SELECTOR (MODEL 764) AND AUXILIARY INTERFACE PANEL (MODEL 768). HARDWARE CONNECTED DIRECTLY TO TRAFFIC SIGNAL CONTROLLER PREEMPTION INPUT TO PROVIDE GREEN LIGHT FOR APPROACHING EMERGENCY VEHICLE.

January 14, 2019
2064139500

Client/Project

City of Goleta



111 East Victoria Street
Santa Barbara CA
www.stantec.com

Figure No. _____

1.0

Title

Emergency Vehicle Preemption
Opticom GPS System Installation

ATTACHMENT 2

Amended Public Safety Funding for Opticom System Letter



April 18, 2019

CITY COUNCIL

Paula Perotte
Mayor

Kyle Richards
Mayor Pro Tempore

Roger S. Aceves
Councilmember

Stuart Kasdin
Councilmember

James Kyriaco
Councilmember

CITY MANAGER
Michelle Greene

Rob Heckman
Deputy Chief
Santa Barbara County Fire Department
4410 Cathedral Oaks Road
Santa Barbara, CA 93110

RE: Amended Public Safety Funding for Opticom System Letter

Dear Deputy Chief Heckman,

The City of Goleta ("City"), through its Department of Neighborhood Services and Public Safety, is pleased to pledge its support for the purchase of the OPTICOM™ Priority GPS Control System ("Opticom System") to be used/administered by the Santa Barbara County Fire Department ("Agency"). As outlined in your request for funding support, Opticom System shall be used to benefit the residents of the City of Goleta and its environs.

The City commits to providing Agency with financial support in an amount **not to exceed \$174,000.00** to support Agency expenditures for Public Safety related item(s) as outlined in the Agency's request received in April of 2018.

It is the City's intent to provide this financial support on a reimbursement basis so long as appropriate receipts are received from the Agency. The City must at all times comply with the City's procurement procedures as codified in the Goleta Municipal Code § 3.05 et seq. Because the expenditure amount exceeds the City Manager's signature authority, this engagement letter will be subject to City Council approval. This expenditure was originally discussed and approved to at the April 17, 2018 meeting and is now scheduled for further discussion at the City Council meeting of April 16, 2019.

The City requests that upon Agency's receipt of the item(s) to be funded with the Public Safety Donation Fund, the Agency's contact person Rob Heckman ("Agency Representative") provide the City with information on usage of the item(s) put into services upon the City's request.

Agency Representative, is deemed to be specially experienced and is a key member of the Agency, and shall be directly involved in performing, supervising or assisting in the securing/use of the item(s) funded.

Agency Representative shall communicate with, and periodically report to, Marti Milan on the progress of the procurement and use of item(s) to be reimbursed through the City's Public Safety Donation Fund.

The Agency shall only use the funding provided by the City under this letter for the purpose identified in the Agency's request for funding assistance. Funds provided by this letter must be used by the Agency in furtherance of said activities on a reimbursement basis. Any additional ongoing maintenance, servicing, certification, etc. is the responsibility of City.

Countersigning of this letter below constitutes agreement that the Agency is aware of and shall comply with the conditions of the funding, including reimbursement. Please remit this letter with a wet signature to City of Goleta Attn: City Clerk 130 Cremona Drive, Suite B, Goleta, CA 93117.

All items purchased will be donated by the Agency to the City and will be maintained by the City.

To submit reimbursement documentation, please contact Jaime, Principal Civil Engineer, at mmilan@cityofgoleta.org or (805) 961-7562 For additional questions and please contact Marti Milan, Principal Civil Engineer, at mmilan@cityofgoleta.org or (805) 961-7562.

Sincerely,

Conditions Accepted By:

Michelle Greene
City Manager

Rob Heckman
Deputy Chief, Santa Barbara
County Fire Department

Enclosure: April 2018 request for funding of OPTICOM™ Priority GPS Control System

cc: Michael Jenkins, City Attorney
Charles W. Ebeling, P.E., T.E., Director of Public Works
Vyto Adomaitis, Neighborhood Services and Public Safety Director
Luke Rioux, Finance Director
Deborah Lopez, City Clerk
Marti Milan, Principal Civil Engineer, P.E.
Jaime Valdez, Economic Development Coordinator