

CITY OF SAN BERNARDINO – REQUEST FOR COUNCIL ACTION

From: Keith L. Kilmer
Chief of Police

Dept: Police Department

Date: September 13, 2011

Resolution of the City of San Bernardino Authorizing a Contract with American Traffic Systems (ATS) of Phoenix, Arizona, for an Upgrade to the City's Red Light Camera Enforcement System, and to Authorize the Director of Finance to Increase the Red Light Camera Program Revenue and Expenditures.

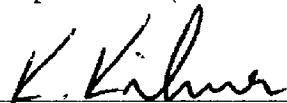
M/CC DATE: September 19, 2011

Synopsis of Previous Council Action

1. Resolution 2005-107 - May 04, 2005 - Resolution of the City of San Bernardino authorizing a lease and services agreement with Nestor Traffic Systems (NTS) for a Red Light Camera Enforcement System.
2. Resolution 2005-107A - May 04, 2005 - Resolution of the City of San Bernardino authorizing a maintenance agreement for Red Light Camera Enforcement System equipment on State Routes in the City of San Bernardino with Caltrans (DOT).
3. March 24, 2008 – Motion to set a public hearing for April 7, 2008, to authorize an amendment to the lease and services agreement with Nestor Traffic Systems (NTS)
4. Resolution 2008-135 – April 21, 2008 - Resolution of the City of San Bernardino authorizing a contract amendment with Nestor Traffic Systems (NTS).
5. Resolution 2009-007 – January 20, 2009 - Resolution of the City of San Bernardino authorizing an amendment to the lease and services agreement with Nestor Traffic Systems (NTS).
6. January 24, 2011 – Approved motion that the City Manager provide a set of recommendations relative to terminating the Red Light Camera Program.
7. March 7, 2011 – Approved motion to terminate the Red Light Camera Program.

Recommended Motion:

1. Adopt Resolution.
2. Authorize the Director of Finance to amend the FY 2011/12 budget by increasing the Red Light Camera Program revenue (128-210-4441-000) by \$662,348 and increasing the Red Light Camera Program expenditures (128-210-5505-0000-0087) by \$552,238 as discussed in the staff report.



Keith L. Kilmer, Chief of Police

#20
09-19-2011

Contact person: Lieutenant Raymond W. King Phone: 384-5604

Supporting data attached: Yes Staff Report/Resolution Ward: All

FUNDING REQUIREMENTS: Amount: \$ 669,238 (FY 2011/12)
Source: Traffic Safety Program
Other Professional Services
(128-210-5505-0000-0087)

Council Notes: Finance

Agenda Item No. _____

CITY OF SAN BERNARDINO – REQUEST FOR COUNCIL ACTION

Staff Report

SUBJECT:

Resolution of the City of San Bernardino Authorizing a Contract with American Traffic Systems (ATS) of Phoenix, Arizona, for an Upgrade to the City's Red Light Camera Enforcement System and Authorizing the Director of Finance to Amend the FY 2011/12 Budget to Increase the Red Light Camera Program Revenue and Expenditures.

BACKGROUND:

In May 2005, the City Council approved a Red Light Camera Enforcement System for the City of San Bernardino with Nestor Traffic Systems (NTS). The initial project involved the installation of camera systems at four intersections (Waterman at Hospitality, Waterman at 30th Street, Waterman at 40th Street, and Highland at Arden). The contract was amended in April 2008 to expand the project to 11 locations. Seven of the 11 locations were activated. In September 2009, American Traffic Systems (ATS) purchased Nestor Traffic Systems and assumed the responsibility for providing services to the City as outlined in the existing lease and service agreement.

On January 14, 2011, the Police Department presented a staff report to Council regarding the Red Light Camera Program. Following the presentation, the Council directed the City Manager to provide a set of alternatives relative to terminating the Red Light Camera Program. On March 7, 2011, the alternatives were presented to the Council, and the Council directed that staff further explore termination. Based on the expectation that the program would be terminated, the FY 2011/12 adopted budget includes \$117,000 in program expenditures related to the lease of camera equipment through the termination of the agreement. Program revenues were projected at \$267,000, which includes \$150,000 in prior year revenue to be received in FY 2011/12 and \$117,000 in revenue generated from the beginning of the fiscal year through termination.

In exploring the termination of the agreement, ATS requested the City further consider alternatives and offered to restructure the program to improve traffic safety results. The analysis conducted by ATS included an evaluation and assessment of the existing camera locations, evaluation of other prospective intersections with high violation and crash rates, and an evaluation of the impact of an upgrade of the existing cameras with new detection and imaging technology on enforcement.

ATS proposes to convert some of the existing NTS camera enforcement systems, which are located at intersections that continue to experience a high volume of red light violations, to the ATS product line that features the latest detection and imaging technology, and install new intersections with the updated product line. Intersections that would not be converted from the existing NTS systems would have a reduction in the monthly lease fees. Updated intersections would have a uniform flat monthly lease fees as would new intersections. After meeting with

ATS and discussing a possible transition to the upgraded ATS product line, the following benefits to restructuring the program were identified:

1. Reduction in on-site equipment – The updated ATS product line does not require equipment such as the large over-hanging camera poles that are required by the NTS system. All enforcement activities would be completed from a single pole at the curb with the exception of Highland at Arden, which would require two curb poles, without overhanging equipment, because of the number of lanes.
2. Improved in-ground sensor equipment – The ATS product line uses an inexpensive, in-ground sensor to track violators and communicate with curb mounted camera poles. The devices may easily be moved or replaced if work on the roadway is necessary. ATS would provide the devices to the City at no cost, and with advance coordination, would respond to sites to install, replace, or repair sensors at no cost to the City.
3. Improved strobe light technology – The ATS product line uses smaller and more effective strobe lights. This technology allows the cameras to capture multiple violators on each red phase.
4. Improved web-based enforcement software – The ATS product line provides more detailed review features for officers and court personnel.
5. Larger customer service call center for the public – The ATS product line provides a larger centralized call center for citizens to call with questions associated with the red light cameras.
6. The new and upgraded enforcement systems will have 24/7 video recording that will be maintained and stored for the most recent 30-day period.

The proposed restructured program would provide the following major changes to the City of San Bernardino's red light camera program:

1. Fixed Lease Period – Presently, intersections are operated pursuant to individual lease agreements, which have various expiration dates. The program is set to expire on July 13, 2014. Under the restructured program, the intersections would be operated pursuant to one lease agreement that would expire on July 13, 2014. Under the terms proposed by ATS, the lease would run retroactive from the start of FY 2011/12 to July 13, 2014.
2. University Parkway at Kendall – This site would be removed due to reduced red light violation activity.
3. The infrastructure at Tippecanoe at San Bernardino Avenue would be eliminated – Current traffic violation and collision studies do not support a system at this location.
4. Hospitality at Waterman – This site would be eliminated.
5. Westbound 30th St at Waterman – This site would be eliminated due to reduced red light violation activity.
6. Additional Site – Baseline at Mt Vernon (EB/WB) – This site would be added based on violation and collision data.
7. Additional Site – Baseline at Waterman (NB/WB) – This site would be added based on violation and collision data.
8. Additional Site – Mill at Pepper (NB/SB) – This site would be added based on violation and collision data.
9. Upgraded Technology – Waterman at Highland (WB/SB)

10. Upgraded Technology – Highland at Arden (EB/WB)
11. Upgraded Technology – 30th at Waterman (SB)
12. No Changes to the Site – 9th at Mt. Vernon (NB/SB)
13. No Changes to the Site – Waterman at Highland (NB/EB)
14. No Changes to the Site – 40th at Waterman (NB)

FINANCIAL IMPACT:

Given that it was anticipated that the red light camera program would be terminated, the FY 2011/12 Police Traffic Safety program budget (Account: 128-210-5505-0000-0087) includes \$117,000 for red light program contract expenditures. Red light camera revenues were projected at \$267,000, which includes an estimated \$150,000 in revenue from FY 2010/11 that would be received in FY 2011/12 and \$117,000 in fine revenue for the period July 1, 2011, through termination of the program. As the program has not been terminated, the City has incurred costs and received revenue which was not contemplated at the time the FY 2011/12 budget was adopted.

If the proposed restructuring is approved, adjustments to the FY 2011/12 budget would be required. Assuming the program changes were effective beginning in October 2011 and the new intersections were operational beginning in January 2012, program budget expenditures and revenues would need to be adjusted for FY 2011/12 by \$552,238 and \$662,348 respectively.

For the subsequent fiscal years (FY 2012/13 and FY 2013/14), ATS projects the lease costs would be \$835,740. These costs do not include the personnel and other costs related to program administration. Gross revenue is projected by ATS at \$2,391,830. The projected revenue is based on the assumption that historical revenue for the City remains at least at \$69.69 per red light camera citation and that a 10 percent increase in citations occurs at intersections equipped with updated detection and imaging technology.

Account: 128-210-5505-0000-0087

Balance as of September 19, 2011: \$669,238

Budget Total \$669,238 (FY 2011/12)

(Balance after approval: \$ 0.00)

Please note this balance does not indicate available funding. It does not include non-encumbered reoccurring expenses or expenses incurred, but not yet processed.

RECOMMENDATION:

1. Adopt Resolution.
2. Authorize the Director of Finance to amend the FY 2011/12 budget by increasing the Red Light Camera Program revenue (128-210-4441-000) by \$662,348 and increasing the Red Light Camera Program expenditures (128-210-5505-0000-0087) by \$552,238 as discussed in the staff report.