



# CITY OF PLANO COUNCIL AGENDA ITEM

<b>CITY SECRETARY'S USE ONLY</b>					
<input type="checkbox"/> Consent <input type="checkbox"/> Regular <input type="checkbox"/> Statutory					
Council Meeting Date:		June 23, 2014			
Department:		Police			
Department Head		Gregory W. Rushin			
Agenda Coordinator (include phone #): <b>Kellie Boyer x7248</b>					
<b>CAPTION</b>					
To approve and authorize Contract Modification No. 3 for the expansion of the Red Light Camera Program at various intersections within the City from Redflex Traffic Systems, Inc. and authorize the City Manager or his designee to execute all related documents.					
<b>FINANCIAL SUMMARY</b>					
<input type="checkbox"/> NOT APPLICABLE <input checked="" type="checkbox"/> OPERATING EXPENSE <input checked="" type="checkbox"/> REVENUE <input type="checkbox"/> CIP					
FISCAL YEAR:	<b>2013-14 (2 month period); 2014-15, 2015-16; plus five optional - yr renewals: 2016-17, 2017-18, 2018-19, 2019-20, 2020-21, and 2021-22 (7 month period)</b>	<b>Prior Year (CIP Only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget		0	0	0	0
Encumbered/Expended Amount		0	0	0	0
This Item		0	0	0	0
BALANCE		0	0	0	0
<b>FUND(S): TRAFFIC SAFETY FUND</b>					
<p><b>COMMENTS:</b> This item is included in the current Traffic Safety Fund Budget. If approved, this agreement will expand the existing Red Light Camera Program, adding (7) seven cameras at additional intersections, moving (1) existing camera, and will have estimated annual operating revenues of \$4,274,400 and estimated annual operating expenses of \$1,521,740 for each remaining year of the original 10-year agreement period (including renewal periods). Revenues and expenditures will be reviewed each year during the budget process. The Redflex agreement guarantees that the revenues from the violation payments will always exceed program expenses.</p> <p><b>STRATEGIC PLAN GOAL:</b> Operating the Red Light Camera Program relates to the City's Goal of Safe Large City.</p>					

**SUMMARY OF ITEM**

Staff recommends the approval of Contract Modification No. 3 for the expansion of the Red Light Camera Program to enhance the safety of motorists.

List of Supporting Documents:  
Memo

Other Departments, Boards, Commissions or Agencies

**Date:** June 5, 2014

**To:** LaShon Ross, Deputy City Manager

**From:** Gregory W. Rushin, Chief of Police *GR*

**Subject:** Red Light Camera Program Expansion

The Red Light Camera (RLC) Coordinator, Officer Avera, has met with Traffic Engineering to compile a list of intersections that we believe could benefit from the installation of additional red light cameras. The RLC Coordinator's recommendations are derived from crash stats provided by the Police Department Traffic Unit. The Traffic Engineering's recommendations are derived from their 5 year crash data. After comparison of the combined data sources, several intersections were identified and sent to Redflex for their independent 12-hour survey of the intersections. As a result, the following additions and removals are recommended:

Add New Approaches

- NB Dallas Parkway at Headquarters Drive
- EB Park Boulevard at SB Dallas Parkway
- NB Preston at EB Plano Parkway
- SB Preston at EB Plano Parkway
- NB Dallas Parkway at Legacy Drive
- SB Dallas Parkway at Legacy Drive
- EB 15<sup>th</sup> Street at Independence Parkway
- WB Jupiter at Plano Parkway

Remove Current Approaches

- WB 15<sup>th</sup> Street at Independence Parkway – this camera is being moved to the EB approach at the same intersection
- Dallas Parkway at State Highway 121- since installation of the ramps between the toll roads, there is no longer a need for this camera

There is no cost for the removal or movement of existing cameras, per our contract.

Transportation Code 707.003 (c) states that before installing a camera, Traffic Engineering must study the approach to determine if any enhancements or design changes could be made to the intersection to reduce the number of red light violations. City of Plano Traffic Engineering has completed this task.

Transportation Code 707.003 (d) states that selection of an approach must be based on traffic volume, the history of accidents at the approach, frequency of red light violations and similar traffic engineering and safety criteria, "without regard to the ethnic or socioeconomic

characteristics of the area in which the approach is located.” This has been done by the Red Light Coordinator and City of Plano Traffic Engineering.

Transportation Code 707.003 (e) states that the results of the studies must be presented to the Citizen Advisory Committee. The Photographic Traffic Signal Advisory Committee met on June 3, 2014 and concurred with the recommended program changes.

TxDOT advised that we do not have to conduct before and after 18 month crash data for intersections that already have a camera, even though we are adding a different approach direction. We have recommended two intersections that have never had cameras – NB Dallas Parkway at Headquarters Drive and EB Park Boulevard at SB Dallas Parkway. We will compile the 18 month crash data for these two intersections.

Per our established contract with Redflex, the monthly flat rate per camera is \$4,877. The total cost for the seven new cameras (one is being moved, and we are already paying for it; therefore, it is not included in the displayed costs) per month would be \$34,139 or \$409,668 per year. This cost would be covered by revenue from violations.

Redflex is submitting construction plans to begin the permitting process. Redflex will also gain approval from TxDOT for the Preston and Plano Parkway intersections, since Preston is a state highway. Upon Council approval of the expansion plan, Redflex will begin installation. We would begin capturing violations approximately 30 days later.

If this plan is not approved by Council, we will continue operating the Red Light Camera Program at the intersections already established. We believe that red light cameras enhance the safety of motorists and we would not realize these enhanced benefits if the plan is not approved.