

**VILLAGE OF DOWNERS GROVE**  
**REPORT FOR THE VILLAGE COUNCIL MEETING**  
**MARCH 13, 2012 AGENDA**

SUBJECT:	TYPE:	SUBMITTED BY:
Purchase of Traffic Video Detection Camera Replacement	Resolution Ordinance ✓ Motion Discussion Only	Nan Newlon, P.E. Director of Public Works

**SYNOPSIS**

A motion is requested to award a contract for the purchase of four Econolite AutoScope Encore traffic detection video cameras to Traffic Control Corporation, of Woodridge, Illinois in the amount of \$25,380.00.

**STRATEGIC PLAN ALIGNMENT**

The goals for 2011-2018 identified *Top Quality Infrastructure*.

**FISCAL IMPACT**

The FY12 budget includes \$25,000 in the Capital Projects Fund for this contract.

**RECOMMENDATION**

Approval on the March 13, 2012 consent agenda.

**BACKGROUND**

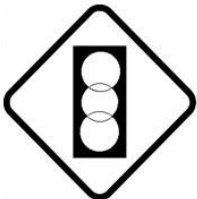
Traffic detection video cameras improve the efficiency of traffic flow by detecting vehicles waiting for a green signal and adjusting the signal timing accordingly. The traffic detection cameras were installed with the downtown redevelopment project and are all over ten years old and beyond their projected service life.

This purchase will replace the four traffic detection cameras located at the intersection of Main Street and Curtiss Street. This is the second location for traffic video detection camera replacement with the first being the replacement of the cameras at Main and Maple in 2011. The remaining traffic detection cameras in this system are included in the Village's Community Investment Program to be replaced over the next few years.

The Econolite AutoScope traffic video detection cameras are sold exclusively by Traffic Control Corporation who has been the Village's sole source vendor for traffic signal equipment for many years.

**ATTACHMENTS**

Price Quote  
 CIP Sheet – TR-021 project



**TRAFFIC CONTROL CORPORATION**

10435 Argonne Woods Drive  
Woodridge, IL 60517  
(630) 543.1300 • Fax (630) 543.5050  
www.trafficcontrolcorp.com

# Quotation

Quotation # E04390-00  
Quotation Date: 02/02/2012  
Customer Number: 013050  
Salesperson: MB

**DOWNERS GROVE, VILLAGE OF  
PUBLIC WORKS DEPARTMENT  
5101 WALNUT AVENUE  
DOWNERS GROVE IL 60515  
PHONE: (630)434-5460 FAX: (630)434-5494  
Attention : DORIN FERA**

**Book/  
Contract: VIDEO DETECTION SYSTEM**

Item	Part No. /Description	Quantity	Unit Price	Extended Price
001	TCC-11902 VIDEO VEH DET SYS - ENCORE MAIN & CURTISS 4 DIRECTION SYSTEM COMPLETE PRICE INCLUDES 1000' OF CABLE	1.00 EA	25,380.00	\$ 25,380.00

**Total Items Price \$ 25,380.00**

**TERMS: BASED ON CREDIT APPROVAL AT TIME OF ORDER  
PRICES FIRM FOR 30 DAYS  
PRICES BASED ON PURCHASING ALL ITEMS IN QUANTITIES LISTED**

# 2011-2015 Capital Project Sheet

Project # **TR-021**

## Project Description **Traffic Detection Camera Replacement**

### Project summary, justification and alignment to Strategic Plan

This project includes the replacement of traffic detection cameras throughout the Village. The existing cameras are aging, and as the technology becomes obsolete it is more difficult to find parts. As cameras are decommissioned, they would be saved for spare parts for the remaining cameras until all have been replaced.

Cost Summary	New	Maintenance	Replacement	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Future	TOTAL
									Years	
Professional Services										-
Land Acquisition										-
Infrastructure										-
Building										-
Machinery/Equipment		X		25,000	25,000	25,000	25,000	25,000	250,000	<b>375,000</b>
Other/Miscellaneous										-
<b>TOTAL COST</b>				<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>250,000</b>	<b>375,000</b>

Funding Source(s)	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Future Yrs	TOTAL
220-Capital Improvements Fund ▼	25,000	25,000	25,000	25,000	25,000	250,000	<b>375,000</b>
▼							-
▼							-
▼							-
<b>TOTAL FUNDING SOURCES</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>250,000</b>	<b>375,000</b>

### Project status and completed work

### Grants (funded or applied for) related to the project.

It is anticipated that the cameras would be replaced over a ten year period, starting in 2011 with the intersection of Main and Maple.

Impact-annual operating expenses	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

This project will reduce operational costs by reducing potential repair costs.

### Map/Pictures of Project



### Internal staff information:

Priority Score **Medium**

Project Manager:

Dorin Fera

Program: **344**

Department:

Public Works