

VILLAGE OF DOWNERS GROVE
REPORT FOR THE VILLAGE COUNCIL WORKSHOP
JUNE 24, 2008 AGENDA

SUBJECT:	TYPE:	SUBMITTED BY:
Purchase of Speed Cushions	Resolution Ordinance ✓ Motion Discussion Only	David Fieldman Acting Village Manager

SYNOPSIS

A motion authorizing the purchase of 40 speed cushions from Traffic Logix Inc. of Spring Valley, New York, in the amount of \$41,310 is requested.

STRATEGIC PLAN ALIGNMENT

The Five Year Plan and Goals for 2007-2012 identified *Exceptional Municipal Organization*. A supporting objective of this goal is *Top Quality Core Services Responsive to Current and Future Community and Citizen Needs*.

FISCAL IMPACT

The FY08 Capital Projects Fund allocates \$100,000 for the purchase of traffic calming-related items. Two previous purchases of speed cushions were made in January and March 2008 totaling \$12,358, pursuant to the Village Manager's spending authority as authorized in the Village's Purchasing Policy. The current proposed purchase totals \$41,310.

RECOMMENDATION

Approval on the July 1, 2008, consent agenda.

BACKGROUND

As part of the improvements being made to the Village's traffic calming procedures, the Village previously purchased 12 speed cushions for temporary traffic calming. Due to their success, staff would like to increase the supply of the Village's speed cushions in order to increase responsiveness to traffic calming issues throughout the Village.

The Village received quotes from four vendors for speed controlling devices.

Vendor	Type	Unit Price
Traffic Logix Inc.	Speed cushion	\$964.00
Safer Roads	Speed cushion	\$995.00
Barco	Speed hump	\$504.25
Peachtree	Speed hump	\$458.00

The required specifications included the following:

- Cost effective
- Emergency vehicle friendly
- Reflective markings on surface
- Quick and easy installation
- Effectively reduce vehicle speeds

After reviewing each vendor's products, staff determined that speed cushions met more of the Village's specifications than did the speed humps. Reflective markings are easier to install on the cushions. Speed humps require such a reduction in speed (10 to 15 miles per hour) that instead of slowing traffic they would most likely decrease traffic volumes altogether, which is not the desired effect of this traffic calming device.

The speed cushion system by Traffic Logix requires a series of two cushions in each lane of travel. The cushions are seven feet in length and allow vehicles to travel over them at around 15 to 25 miles per hour. This system is ideal for collector streets because it should only affect speed and not traffic volumes.

Due to the need to have uniformity with the Village's present supply of speed cushions, staff recommends purchasing the new units from Traffic Logix.

ATTACHMENTS

CIP Sheet

2008-2012 CAPITAL PROJECT SHEET

Proj. #: TR-015

Project Description: Traffic Calming Initiatives

Project Lead: Dorin Fera

Dept.: Public Works - Traffic

Fund: 220

Program: 344

Project Type: New Project/Expansion Changed
 Replacement Maintenance

Priority Setting Factors:	H/S/W	Maint.	Expan.	New	Low	Medium	High	OVERALL
Rating:	X						X	1

BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Professional Services	10,000	10,000	10,000	10,000	10,000		50,000
Land Acquisition							-
Infrastructure Improvements	90,000	90,000	90,000	90,000	90,000		450,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
TOTAL COST	100,000	100,000	100,000	100,000	100,000	-	500,000

Funding Source(s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
220-Capital Improvements Fund ▼	100,000	100,000	100,000	100,000	100,000		500,000
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	100,000	100,000	100,000	100,000	100,000	-	500,000

1. Briefly Describe and provide justification for this Capital Project Request.

This project would support the design and installation of traffic calming measures per the Traffic Calming Policy.

2. Describe the project status and completed work.

New

3. Describe any anticipated grants related to the project.

None have been identified at this time. A possible resident cost-share program can be investigated.

4. What impact will the project have on annual operating expenses? Please quantify and describe.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Projected Operating Expenses	-	-	-	-	-	-	-

Map and/or pictures of Project/Project Area: