

City of Alexandria, Virginia

MEMORANDUM

Corrected copy

to include pg 147

DATE: APRIL 5, 2005

TO: THE HONORABLE MAYOR AND MEMBERS OF CITY COUNCIL

THROUGH: JAMES K. HARTMANN, CITY MANAGER 

FROM: RICHARD J. BAIER, P.E., DIRECTOR  
TRANSPORTATION & ENVIRONMENTAL SERVICES

SUBJECT: BUDGET MEMO # 22: FY 2005 TRAFFIC CALMING PROJECTS AND  
OTHER PEDESTRIAN SAFETY IMPROVEMENTS

This memorandum is in response to Councilman Krupicka's request for information on the issue of traffic calming and pedestrian safety projects.

**1. Provide an estimate of the cost to implement all 15 traffic calming projects that met minimum thresholds for implementation this year.**

At an average cost per project of approximately \$66,000, it would cost \$990,000 to complete the 15 traffic calming projects that have been identified as meeting the minimum thresholds for implementation in FY 2005. The 15 projects are listed on the following page. Six of them are to be completed in FY 2005 with funding provided in the FY 2005 - 2010 Approved CIP (\$600,000). A list of projects to be completed in FY 2006 will be developed at the beginning of the fiscal year. It will prioritize the remaining 9 projects plus any additional requests received from the community. The number of projects completed in FY 2006 will depend on the scope and cost of the projects selected. There is \$600,000 budgeted in FY 2006 of the FY 2006 - 2011 Proposed CIP.

**FY 2005 Traffic Calming Projects**

**To Be Completed in FY 2005:**

- Fort Williams Parkway between Seminary Road and Duke Street
- Pegram Street between Polk Avenue and Taney Avenue
- Gunston Road between Martha Custis Drive and Greenway Drive
- Cambridge Road between Duke Street and Dartmouth Road
- Valley Drive between Martha Custis Drive and Gunston Road
- Polk Avenue between Pegram Street and Naylor Street

**To Be Completed in Subsequent Years**

- Braddock Road between Ruffner Avenue and Commonwealth Avenue
- East Monroe Street between Commonwealth Avenue and Mount Vernon Avenue
- Monticello Street between Russell Road and Cameron Mills Road
- West Monroe Street between Commonwealth Road and Russell Road
- West Windsor Street between Russell Road and Braddock Road
- Fort Worth Avenue between Garland Street and Fort Williams Parkway
- Preston Road between Martha Custis Drive and Valley Drive
- Martha Custis Drive between Valley Drive and Lyons Lane
- Colonel Ellis Avenue between St. Stephens Road and Fort Williams Parkway

The criteria for including a project in the traffic calming program include excessive speeding and excessive volume of traffic as specified by the City's *Neighborhood Traffic Calming Program Guide*.

**2. Present all traffic calming, bicycle and pedestrian safety initiatives in one unified budget view and include staff's prioritization view.**

In addition to traffic calming measures, other steps to address pedestrian safety include ADA sidewalk and bus stop accessibility improvements; pedestrian bridges and tunnels; sidewalk, curb and gutter replacements; trails; and improved signalization.

A list of capital projects and operating budget initiatives related to traffic calming and pedestrian safety is provided as Attachment 1. The projects and initiatives are listed in priority order.

Attachment

Traffic Calming and Pedestrian Improvements - Capital Projects

Expenditures	Prior Years (Allocated & Unallocated)	FY 2006						Total
		Proposed	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
ADA Accessible Ramps and Loading Platforms	30,000	10,000	10,000	10,000	10,000	0	0	70,000
Duke Street Flyover Pedestrian Bridge	400,000	0	0	0	0	0	0	400,000
Sidewalk, Curb, and Gutter Replacement	400,000	0	100,000	100,000	100,000	100,000	100,000	900,000
Telegraph Road Pedestrian Tunnel	100,000	0	0	0	0	0	0	100,000
Bike Trails	77,000	77,000	77,000	77,000	77,000	77,000	77,000	539,000
Eisenhower Avenue Multiuse Trail	834,000	0	0	0	0	0	0	834,000
Arlandria Pedestrian Improvements	0	150,000	0	0	0	0	0	150,000
Pedestrian Traffic Signals	0	100,000	100,000	100,000	100,000	100,000	100,000	600,000
King Street Metro Pedestrian Improvements	136,953	0	0	0	0	0	0	136,953
Traffic Calming	400,000	600,000	600,000	600,000	600,000	600,000	600,000	4,000,000
Transit Facilities Pedestrian Improvements	0	440,000	0	0	0	0	0	440,000
School Flashing Signal Control System	0	90,000	45,000	45,000	0	0	0	180,000
<b>Subtotal</b>	<b>2,377,953</b>	<b>1,467,000</b>	<b>1,929,000</b>	<b>932,000</b>	<b>887,000</b>	<b>877,000</b>	<b>877,000</b>	<b>9,346,953</b>
<b>Revenues</b>								
Duke Street Flyover Pedestrian Bridge	320,000	0	0	0	0	0	0	320,000
Transit Facilities Pedestrian Improvements	0	353,000	397,000	0	0	0	0	750,000
Eisenhower Avenue Multiuse Trail	668,000	0	0	0	0	0	0	668,000
<b>Subtotal</b>	<b>988,000</b>	<b>353,000</b>	<b>397,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,738,000</b>
<b>Net City Share</b>	<b>1,389,953</b>	<b>1,114,000</b>	<b>1,532,000</b>	<b>932,000</b>	<b>887,000</b>	<b>877,000</b>	<b>877,000</b>	<b>7,608,953</b>

Traffic Calming and Pedestrian Improvements - Operating Budget

	FY 2005 Approved	FY 2006 Proposed	Total
<b>Operating Budget Initiatives:</b>			
COG Street Smart Pedestrian Safety Campaign	5,000	5,000	10,000
Sidewalk, Curb, and Gutter Replacement	700,000	900,000	1,600,000
Pedestrian/Bicycle Coordinator Position	87,700	87,700	175,400
Pedestrian Crosswalk Installation	0	75,000	75,000
Pedestrian Crosswalk Maintenance	45,300	175,300	220,600
Traffic Maintenance	170,000	170,000	340,000
<b>Total</b>	<b>1,008,000</b>	<b>1,413,000</b>	<b>2,421,000</b>