

Department of Transportation

40-07-Traffic and Parking Operations

Fund/Agency: 001/40	Department of Transportation	
Personnel Services	\$591,908	<p>CAPS Percentage of Agency Total</p> <p>A pie chart titled 'CAPS Percentage of Agency Total' is positioned to the right of the table. It is divided into two segments: a blue segment representing 'Traffic and Parking Operations' at 41.3% and a yellow segment representing 'All Other Agency CAPS' at 58.7%. A legend below the chart identifies the colors: a blue square for 'Traffic and Parking Operations' and a yellow square for 'All Other Agency CAPS'.</p>
Operating Expenses	\$1,914,496	
Recovered Costs	\$0	
Capital Equipment	\$0	
Total CAPS Cost:	\$2,506,404	
Federal Revenue	\$0	
State Revenue	\$0	
User Fee Revenue	\$0	
Other Revenue	\$2,234,494	
Total Revenue:	\$2,234,494	
Net CAPS Cost:	\$271,910	
Positions/SYE involved in the delivery of this CAPS	10/10.4	

► CAPS Summary

The Traffic Operations program area includes several special projects managed by the Department of Transportation (DOT). These include the Residential Permit Parking District (RPPD) Program, the residential cut-through traffic restriction program, the traffic calming program, the restricted parking district program, the \$200 fine for speeding program, the secondary road through truck traffic restriction program, the multi-way stop program, and watch for children sign program. The Department of Transportation also receives requests from the Fairfax County Board of Supervisors and/or citizens to review traffic operations problems and address potential solutions for those problems.

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In addition, the County Photo Red Light Monitoring Program is managed by DOT in this CAPS. This program is designed to improve safety and reduce the number of red light runnings in the County. The current program provides for ten cameras to operate throughout the County, with the cameras to be moved periodically among 30 locations. The cameras photograph vehicles whose drivers run red lights, and violators are ticketed by mail. Experience in other jurisdictions has found as much as a 40 percent decline in red light running at locations using photo red light monitoring systems. FY 2002 will be the first full year of the program, as the last of the 10 cameras was recently installed in August 2001.

► Method of Service Provision

The vast majority of traffic operations program functions required of the County are accomplished by County employees. Exceptions include the fabrication and installation of roadway signage, the printing of Residential Permit Parking District decals/passes, and the installation and operation of the photo red light program cameras. Roadway signage and parking permit requirements are usually contracted out to vendors, while the photo red light cameras are installed and operated by a contractor.

Most of the work is accomplished during normal business hours (Monday through Friday, 8:00 a.m. to 4:30 p.m.). Some surveys and citizen meetings require activity outside of normal duty hours.

► Performance/Workload Related Data

Title	FY 1998 Actual	FY 1999 Actual	FY 2000 Actual	FY 2001 Actual	FY 2002 Estimate
RPPD Districts ¹	32	33	36	38	41
RPPD Expansions ¹	8	8	15	12	15
Cut-Through Traffic Restriction ² and Through Truck Traffic Restriction ⁶ Reviews	7	9	11	13	15
Traffic Calming Reviews ³	12	12	20	45	55
Restricted Parking Districts ⁴	N/A	N/A	N/A	25	25
\$200 Fine for Speeding Sign Requests ⁵	N/A	N/A	20	10	15
Multi-Way Stop Signs & Watch for Children Sign Requests ⁷	40	89	100	93	110

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Title	FY 1998 Actual	FY 1999 Actual	FY 2000 Actual	FY 2001 Actual	FY 2002 Estimate
Photo Red Light Location Reviews ⁸	N/A	N/A	N/A	50	50
Photo Red Light Installations ⁹	N/A	N/A	N/A	9	10
Other Traffic Operations/Special Study Requests ¹⁰	115	115	100	100	100

N/A = Not applicable since program was not in operation during the Fiscal Year.

1. **Residential Permit Parking Program:** There are currently 38 established Residential Permit Parking Districts (RPPDs) encompassing 4,908 residential units. An average of 5,000 decals and passes are issued each year to replace existing outdated decals/passes (renewals) and to accommodate new expanded districts. Of the 15-20 requests received per year for new or expanding Districts, generally more than 75 percent will qualify and be approved by the Board.
2. **Cut-Through Traffic Restrictions:** Traffic studies are required. Of the 8 - 10 requests for cut-through traffic restrictions received per year, approximately 60 percent meet criteria wherein VDOT is requested to conduct a Public Hearing.
3. **Traffic-Calming Reviews:** Traffic studies are required. Of the 25-30 traffic-calming studies completed annually, approximately 50 percent of communities complete the process and are presented to the BOS for approval.
4. **Restricted Parking District Program:** A new program to restrict the parking of watercraft, boat trailers, motor homes, and camping trailers in designated residential neighborhoods in FY 2001. Of the 15-20 requests received each year, it is anticipated that 70 percent will proceed to a BOS Public Hearing.
5. **\$200 Fine for Speeding Signs:** Traffic studies are performed. The majority of requests are approved by VDOT and presented to the BOS for approval.
6. **Through Truck Traffic Restrictions:** Of the 4-5 requests received annually for through truck traffic restrictions, most are presented to the BOS for a public hearing and forwarded to VDOT for further review.
7. **Multi-way Stop Signs/Watch for Children (WFC) Signs:** All requests are first reviewed by VDOT. Almost all of the "Watch for Children" sign requests, and approximately 75 percent of the multi-way stop requests are approved by VDOT. When approved, sign requests are presented to the BOS for approval.
8. **Photo Red Light Location Reviews:** Suggestions for locating photo red light equipment come from citizens, members of the BOS, other agencies, and from reviews of accident/violation data. Field reviews are conducted by County staff to determine if such equipment is warranted. In-depth reviews are warranted in 10-20 percent of the suggested locations.
9. **Photo Red Light Installation:** Work is accomplished by contractors.

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10. **Other Traffic Operations Requests:** The Department of Transportation receives about 75-100 requests per year from the Board and/or citizens to review traffic operation problems, investigate locations for safety and traffic flow, provide accident and traffic data, and identify low cost solutions to correct safety and capacity deficiencies.

► **Mandate Information**

This CAPS is Federally or State mandated. The percentage of this CAPS is Federally or State mandated. The percentage of this CAPS' resources utilized to satisfy the mandate is 26 - 50%. The specific Federal or State code and a brief description of the code follows:

- Laws governing parking and traffic management programs are contained in the Code of Virginia, Section 46.2, Chapters 8 and 12 and in the Code of the County of Fairfax Sections 82-5-37 and 82-5A.
- Laws governing the Photo Red Light program are contained in the Code of Virginia, Section 46.2-833.01, and in the Code of the County of Fairfax Section. 82-2-7. The Cut Through Traffic program is conducted in accordance with the 1989 Virginia Department of Transportation Cut-Through Traffic Policy.