



# Advanced Transportation Management System (P509399)

Category	Transportation	Date Last Modified	01/08/22
SubCategory	Traffic Improvements	Administering Agency	Transportation
Planning Area	Countywide	Status	Ongoing

## EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY21	Est FY22	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Years
Planning, Design and Supervision	17,436	16,374	-	1,062	177	177	177	177	177	177	-
Land	1	1	-	-	-	-	-	-	-	-	-
Site Improvements and Utilities	42,240	32,526	1,728	7,986	1,331	1,331	1,331	1,331	1,331	1,331	-
Construction	258	258	-	-	-	-	-	-	-	-	-
Other	8,296	8,296	-	-	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>68,231</b>	<b>57,455</b>	<b>1,728</b>	<b>9,048</b>	<b>1,508</b>	<b>1,508</b>	<b>1,508</b>	<b>1,508</b>	<b>1,508</b>	<b>1,508</b>	<b>-</b>

## FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY21	Est FY22	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Years
Contributions	95	95	-	-	-	-	-	-	-	-	-
Current Revenue: Cable TV	2,241	2,241	-	-	-	-	-	-	-	-	-
Current Revenue: General	26,032	19,392	592	6,048	1,008	1,008	1,008	1,008	1,008	1,008	-
Current Revenue: Mass Transit	8,564	8,564	-	-	-	-	-	-	-	-	-
Federal Aid	2,504	2,504	-	-	-	-	-	-	-	-	-
G.O. Bonds	8,396	8,396	-	-	-	-	-	-	-	-	-
PAYGO	2,226	2,226	-	-	-	-	-	-	-	-	-
Recordation Tax Premium (MCG)	6,800	2,999	801	3,000	500	500	500	500	500	500	-
State Aid	10,873	10,538	335	-	-	-	-	-	-	-	-
Transportation Improvement Credit	500	500	-	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>68,231</b>	<b>57,455</b>	<b>1,728</b>	<b>9,048</b>	<b>1,508</b>	<b>1,508</b>	<b>1,508</b>	<b>1,508</b>	<b>1,508</b>	<b>1,508</b>	<b>-</b>

## OPERATING BUDGET IMPACT (\$000s)

Impact Type	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28
Maintenance	525	25	50	75	100	125	150
Energy	105	5	10	15	20	25	30
Program-Staff	600	50	50	100	100	150	150
Program-Other	36	3	3	6	6	9	9
<b>NET IMPACT</b>	<b>1,266</b>	<b>83</b>	<b>113</b>	<b>196</b>	<b>226</b>	<b>309</b>	<b>339</b>
<b>FULL TIME EQUIVALENT (FTE)</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>

---

## APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 23 Request	1,508	Year First Appropriation	FY93
Appropriation FY 24 Request	1,508	Last FY's Cost Estimate	65,215
Cumulative Appropriation	59,183		
Expenditure / Encumbrances	58,134		
Unencumbered Balance	1,049		

## PROJECT DESCRIPTION

This project provides for the Advanced Transportation Management System (ATMS) in the County. The ATMS deploys the infrastructure elements to conduct real-time management and operations of the County's transportation system. Twenty-two National Intelligent Transportation Architecture market packages have been identified for deployment of the ATMS. Each of these market packages is considered a subsystem of the ATMS program and may include several elements. These subsystems are identified in the ATMS Strategic Deployment Plan dated February 2001, revised July 2011. One aspect of this project will focus on improving pedestrian walkability by creating a safer walking environment, utilizing selected technologies, and ensuring Americans with Disabilities Act (ADA) compliance.

## COST CHANGE

Cost increase due to the addition of FY27 and FY28 to this ongoing project.

## PROJECT JUSTIFICATION

ATMS provides real-time monitoring, control, and traveler information in an effort to reduce traffic congestion and travel time, improve safety, and defer the need to construct new roads. ATMS emphasizes safety and efficiency of mobility to include mode, route, and travel time choices. ATMS supports public safety and directly impacts the movement of people and goods throughout the County's transportation system. This project was initiated in response to a growing demand to enhance options and amenities within the County's transportation network.

## OTHER

This project includes the traffic element that focuses on reducing traffic congestion and travel time and improving safety. This project will help the County achieve its Vision Zero goals to reduce deaths and serious injuries on County roadways to zero by 2030.

## DISCLOSURES

Expenditures will continue indefinitely. The County Executive asserts that this project conforms to the requirement of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

## COORDINATION

Developers, Department of Technology and Enterprise Business Solutions, Department of Police, Federal Transit Administration (FTA), Federal Highway Administration (FHWA), Fibernet, Maryland State Highway Administration, Virginia Department of Transportation, Other Local Governments, Other Private Entities, Traffic Signals project, Traffic Signal System Modernization Project, Montgomery County Pedestrian Safety Advisory Committee, Citizen's Advisory Boards, and Montgomery County Planning Board.