



Advanced Transportation Management System (P509399)

Category	Transportation	Date Last Modified	03/12/20
SubCategory	Traffic Improvements	Administering Agency	Transportation
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY19	Est FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
Planning, Design and Supervision	16,260	15,172	26	1,062	177	177	177	177	177	177	-
Land	1	1	-	-	-	-	-	-	-	-	-
Site Improvements and Utilities	41,505	31,989	1,530	7,986	1,331	1,331	1,331	1,331	1,331	1,331	-
Construction	194	194	-	-	-	-	-	-	-	-	-
Other	7,555	7,063	492	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	65,515	54,419	2,048	9,048	1,508	1,508	1,508	1,508	1,508	1,508	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY19	Est FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
Contributions	95	95	-	-	-	-	-	-	-	-	-
Current Revenue: Cable TV	2,241	2,241	-	-	-	-	-	-	-	-	-
Current Revenue: General	24,316	17,696	572	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)	5,800	1,324	1,476	3,000	500	500	500	500	500	500	-
State Aid	10,873	10,873	-	-	-	-	-	-	-	-	-
Transportation Improvement Credit	500	500	-	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	65,515	54,419	2,048	9,048	1,508	1,508	1,508	1,508	1,508	1,508	-

OPERATING BUDGET IMPACT (\$000s)

Impact Type	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26
Maintenance	549	25	50	81	106	131	156
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
NET IMPACT	1,290	83	113	202	232	315	345
FULL TIME EQUIVALENT (FTE)		1	1	2	2	3	3

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 21 Approp. Request	1,442	Year First Appropriation	FY93
Appropriation FY 22 Approp. Request	1,508	Last FY's Cost Estimate	62,565
Cumulative Appropriation	56,533		
Expenditure / Encumbrances	54,959		
Unencumbered Balance	1,574		

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 FY25 and FY26 to this ongoing level-of-effort project partially offset by FY20 affordability adjustments.

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.

FISCAL NOTE

Reduce current revenue in FY20 for fiscal capacity. Funding switch in FY21 between Current Revenue: General and Recordation Tax Premium for \$500,000,

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 Services, 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.