



Intelligent Transit System (P501801)

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|---------------|--------------------|----------------------|----------------|
| Category | Transportation | Date Last Modified | 03/04/24 |
| SubCategory | Mass Transit (MCG) | Administering Agency | Transportation |
| Planning Area | Countywide | Status | Ongoing |

EXPENDITURE SCHEDULE (\$000s)

| Cost Elements | Total | Thru FY23 | Est FY24 | Total 6 Years | FY 25 | FY 26 | FY 27 | FY 28 | FY 29 | FY 30 | Beyond 6 Years |
|---------------------------------|---------------|---------------|--------------|---------------|--------------|------------|------------|------------|------------|------------|----------------|
| Site Improvements and Utilities | 19,708 | 10,087 | 5,985 | 3,636 | 1,136 | 500 | 500 | 500 | 500 | 500 | - |
| TOTAL EXPENDITURES | 19,708 | 10,087 | 5,985 | 3,636 | 1,136 | 500 | 500 | 500 | 500 | 500 | - |

FUNDING SCHEDULE (\$000s)

| Funding Source | Total | Thru FY23 | Est FY24 | Total 6 Years | FY 25 | FY 26 | FY 27 | FY 28 | FY 29 | FY 30 | Beyond 6 Years |
|-------------------------------|---------------|---------------|--------------|---------------|--------------|------------|------------|------------|------------|------------|----------------|
| Current Revenue: Mass Transit | 7,136 | 1,689 | 1,811 | 3,636 | 1,136 | 500 | 500 | 500 | 500 | 500 | - |
| Short-Term Financing | 12,100 | 8,101 | 3,999 | - | - | - | - | - | - | - | - |
| State Aid | 472 | 297 | 175 | - | - | - | - | - | - | - | - |
| TOTAL FUNDING SOURCES | 19,708 | 10,087 | 5,985 | 3,636 | 1,136 | 500 | 500 | 500 | 500 | 500 | - |

APPROPRIATION AND EXPENDITURE DATA (\$000s)

| | | | |
|-------------------------------------|--------|--------------------------|--------|
| Appropriation FY 25 Approp. Request | 1,136 | Year First Appropriation | FY18 |
| Appropriation FY 26 Approp. Request | 500 | Last FY's Cost Estimate | 18,072 |
| Cumulative Appropriation | 16,072 | | |
| Expenditure / Encumbrances | 13,712 | | |
| Unencumbered Balance | 2,360 | | |

PROJECT DESCRIPTION

The purpose of this project is to replace vital transit technology systems, enhance system accountability, and maintain electronic information signs throughout the County. This is part of the Division of Transit Services IT plan to maintain and expand our intelligent transit systems for compatibility, accountability, and safety.

ESTIMATED SCHEDULE

Enhancement of the Computer Aided Dispatch/Automatic Vehicle Location system and maintenance and upgrades of Real Time informational signs and other systems in FY24-30.

COST CHANGE

Cost increase due to addition of FY29-30 and additional funding for the replacement of outdated CAD/AVL system routers.

PROJECT JUSTIFICATION

The Computer Aided Dispatch/Automatic Vehicle Location system is a key operational management tool which is critical to providing real time schedules of bus arrivals and departures to our customers at each station on all routes. These tools also assist our central dispatch staff in their effort identify the location of each bus and successfully communicate with the operators when any incidents occur, such as accidents, road closures, or safety issues and events that may require the presence of fire rescue, EMS, and/or police.

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

Department of Technology and Enterprise Business Solutions, Washington Metropolitan Area Transit Authority, and regional local transit operators.