

Resolution No.: 16-1432
 Introduced: June 29, 2010
 Adopted: July 13, 2010

**COUNTY COUNCIL
 FOR MONTGOMERY COUNTY, MARYLAND**

By: Council President at the Request of the County Executive

SUBJECT: Amendment to the FY11-16 Capital Improvements Program and Supplemental Appropriation #1-S11-CMCG-1 to the FY11 Capital Budget Montgomery County Government Department of Transportation ARRA Highway Improvements (No. 501003), \$1,029,000 ARRA Traffic Improvements (No. 501002), -\$1,029,000

Background

1. Section 307 of the Montgomery County Charter provides that any supplemental appropriation shall be recommended by the County Executive who shall specify the source of funds to finance it. The Council shall hold a public hearing on each proposed supplemental appropriation after at least one week's notice. A supplemental appropriation that would comply with, avail the County of, or put into effect a grant or a Federal, State or County law or regulation, or one that is approved after January 1 of any fiscal year, requires an affirmative vote of five Councilmembers. A supplemental appropriation for any other purpose that is approved before January 1 of any fiscal year requires an affirmative vote of six Councilmembers. The Council may, in a single action, approve more than one supplemental appropriation. The Executive may disapprove or reduce a supplemental appropriation, and the Council may reapprove the appropriation, as if it were an item in the annual budget.
2. Section 302 of the Montgomery County Charter provides that the Council may amend an approved capital improvements program at any time by an affirmative vote of no fewer than six members of the Council.
3. The County Executive recommends the following capital project appropriation changes:

<u>Name</u>	<u>Project Number</u>	<u>Project Element</u>	<u>Cost Amount</u>	<u>Source of Funds</u>
ARRA Highway Improvements	501003	PDS	\$140,000	Federal Stimulus
ARRA Highway Improvements	501003	Construction	\$889,000	Federal Stimulus
ARRA Traffic Improvements	501002	Site Improvements and Utilities	<u>-\$1,029,000</u>	Federal Stimulus
TOTAL			- 0 -	Federal Stimulus

4. These changes are needed because the Federal Highway Administration has advised the State and the County that Stimulus funds originally programmed in ARRA Traffic Improvements (No. 501002) for fiber optic installation are ineligible (\$600,000). In addition, actual bids for several of the projects programmed in the ARRA Traffic Improvements project are less than initially estimated, and the remaining funds need to be reallocated (\$429,000). Consequently, in order to fully utilize the ARRA funds, \$1,029,000 can be transferred to the ARRA Highway Improvements project to be used for road resurfacing. The recommended amendment is consistent with the criteria for amending the CIP because reallocating Federal Stimulus funds represent a significant opportunity which will be lost if not taken at this time.
5. The County Executive recommends that the County Council approve this supplemental appropriation and amendment to the FY11-16 Capital Improvements Program in the amount of \$1,029,000 for ARRA Highway Improvements and -\$1,029,000 for ARRA Traffic Improvements and specify the source of funds as Federal Stimulus.
6. Notice of public hearing was given and a public hearing was held on July 13, 2010.

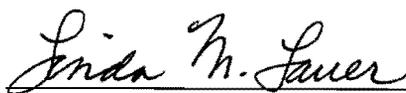
Action

The County Council for Montgomery County, Maryland, approves the following action:

The FY11-16 Capital Improvements Program of the Montgomery County Government is amended as reflected on the attached project description forms and supplemental appropriation changes are approved as follows:

<u>Name</u>	<u>Project Number</u>	<u>Project Element</u>	<u>Cost Amount</u>	<u>Source of Funds</u>
ARRA Highway Improvements	501003	PDS	\$140,000	Federal Stimulus
ARRA Highway Improvements	501003	Construction	\$889,000	Federal Stimulus
ARRA Traffic Improvements	501002	Site Improvements and Utilities	<u>-\$1,029,000</u>	Federal Stimulus
TOTAL			- 0 -	Federal Stimulus

This is a correct copy of Council action.



 Linda M. Lauer, Clerk of the Council

ARRA Highway Improvements -- No. 501003

Category
Subcategory
Administering Agency
Planning Area

Transportation
Highway Maintenance
Transportation
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

June 11, 2010
No
None.
Final Design Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	1,014	0	860	154	154	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	5,730	0	4,855	875	875	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	6,744	0	5,715	1,029	1,029	0	0	0	0	0	0

FUNDING SCHEDULE (\$000)

Fed Stimulus (State Allocation)	6,744	0	5,715	1,029	1,029	0	0	0	0	0	0
Total	6,744	0	5,715	1,029	1,029	0	0	0	0	0	0

DESCRIPTION

This project provides for paving and resurfacing of various primary roads within the County that are in the Federal Aid System and to be funded under the American Recovery and Reinvestment Act (ARRA) Federal economic stimulus program. Approximately 45 lane miles on stretches of road throughout the County will be resurfaced including: (1) Bamesville Road from Mt. Ephraim Road to FT117 Bucklodge Road; (2) Shady Grove Road from I270 to Darnestown Road; (3) Forest Glen Road from MD97 - Georgia Avenue to Brunett Avenue; (4) Old Columbia Pike from MD198/Spencerville Road to US29-Columbia Pike ramp; (5) Randolph Road East of Nebel Street; (6) Travilah Road from River Road to Dufief Mill Road; and (7) Wightman Road from Brink Road to Goshen Road as actual pavement conditions and associated funding allows.

ESTIMATED SCHEDULE

Work to be completed in FY11.

COST CHANGE

Increase due to addition of the Travilah Road and Wightman Road projects with funds made available from the transfer of \$1,029,000 from ARRA Traffic Improvements (No. 501002).

JUSTIFICATION

The repair of the County's primary and arterial roadway infrastructure is critical to mobility throughout the County. In addition, the state of disrepair of the primary and arterial roadway system causes travel delays, increased traffic congestion, and compromises the safety and ease of travel. Well maintained road surfaces assist in the relief of traffic congestion.

The March 2008 "Report of the Infrastructure Maintenance Task Force" identified an annual resurfacing program level of effort based on a 12 year resurfacing frequency.

OTHER

Plans and Studies:

Montgomery County completed a countywide Pavement Management Study in FY08 that physically inspected and rated all County maintained roadways. An independent consultant, specializing in pavement management, conducted all physical inspections and developed subsequent ratings based on levels of observed pavement distress (type and extent), average daily traffic (ADT) and designation as an emergency route.

FISCAL NOTE

Funding is provided under the Federal economic stimulus ARRA, Local Highway Allocation, awarded to the County through a Highway Improvements Program grant. Total grant funds are \$8.49M and do not require a County match. See the ARRA Traffic Improvements project (#501002) for the remainder of the grant.

Conditions precedent to disbursement of the grant require the State of Maryland to approve planning, specifications and estimates as well as the low, responsive and responsible bidder for construction.

OTHER DISCLOSURES

- A pedestrian impact analysis will be performed during design or is in progress.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP												
<table border="1"> <tr> <td>Date First Appropriation</td> <td>FY10</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td>FY11</td> <td>6,744</td> </tr> <tr> <td>Current Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>5,715</td> </tr> </table>	Date First Appropriation	FY10	(\$000)	First Cost Estimate	FY11	6,744	Current Scope			Last FY's Cost Estimate		5,715	<p>Maryland State Highway Administration (MSHA)</p>	
Date First Appropriation	FY10	(\$000)												
First Cost Estimate	FY11	6,744												
Current Scope														
Last FY's Cost Estimate		5,715												
<table border="1"> <tr> <td>Appropriation Request</td> <td>FY11</td> <td>0</td> </tr> <tr> <td>Appropriation Request Est.</td> <td>FY12</td> <td>0</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td>1,029</td> </tr> <tr> <td>Transfer</td> <td></td> <td>0</td> </tr> </table>	Appropriation Request	FY11	0	Appropriation Request Est.	FY12	0	Supplemental Appropriation Request		1,029	Transfer		0		
Appropriation Request	FY11	0												
Appropriation Request Est.	FY12	0												
Supplemental Appropriation Request		1,029												
Transfer		0												
<table border="1"> <tr> <td>Cumulative Appropriation</td> <td></td> <td>5,715</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td>0</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td>5,715</td> </tr> </table>	Cumulative Appropriation		5,715	Expenditures / Encumbrances		0	Unencumbered Balance		5,715					
Cumulative Appropriation		5,715												
Expenditures / Encumbrances		0												
Unencumbered Balance		5,715												
<table border="1"> <tr> <td>Partial Closeout Thru</td> <td>FY08</td> <td>0</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY09</td> <td>0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td>0</td> </tr> </table>	Partial Closeout Thru	FY08	0	New Partial Closeout	FY09	0	Total Partial Closeout		0					
Partial Closeout Thru	FY08	0												
New Partial Closeout	FY09	0												
Total Partial Closeout		0												

ARRA Traffic Improvements -- No. 501002

Category
Subcategory
Administering Agency
Planning Area

Transportation
Traffic Improvements
Transportation
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

June 11, 2010
No
None.
Under Construction

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	0	0	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	1,746	0	0	1,746	1,746	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,746	0	0	1,746	1,746	0	0	0	0	0	0

FUNDING SCHEDULE (\$000)

Fed Stimulus (State Allocation)	1,746	0	0	1,746	1,746	0	0	0	0	0	0
Total	1,746	0	0	1,746	1,746	0	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				15	0	3	3	3	3	3
Energy				55	0	11	11	11	11	11
Net Impact				70	0	14	14	14	14	14

DESCRIPTION

This project provides for various traffic improvements to be funded under the American Recovery and Reinvestment Act (ARRA) Federal economic stimulus program.

- (1) Streetlight Installation on MD 124 (\$743,000) - Installation and energizing of pedestrian lights (approximately 115) along MD 124 between Lindberg Drive and Rosewood Manor Lane.
- (2) Traffic Signals UPS/BBU (\$520,000) - Deployment of Uninterruptible Power Supply (UPS) / Battery Backup (BBU) at approximately 50 traffic signals.
- (3) Traffic Sign Upgrades (\$236,000) - Upgrade or replacement of traffic warning signs with fluorescent micro-prismatic sign sheeting.
- (4) Guard Rail End Treatments (\$247,000) - Replacement of deficient and/or substandard guardrail end treatments along the Federal-aid network to meet current standards (approximately 75).

ESTIMATED SCHEDULE

All projects are scheduled for completion in FY11. Work on the streetlight project will commence upon the completion of the State's MD124 reconstruction project.

COST CHANGE

The Advance Transportation Management System (ATMS) (Fiber Optics-\$600,000) project was deleted due to Federal ineligibility. Project allocations were revised in June 2010 based on actual bids and excess funds (\$429,000) along with the above mentioned ATMS funds were transferred to ARRA Highway Project (No.501003)

JUSTIFICATION

- (1) Streetlight Installation on MD 124, Maryland State Highway Administration (MSHA) is currently reconstructing this stretch of road, which is suburban with numerous commercial zones, but is not installing lighting as part of their project. Installation of streetlights along MD 124 between Lindberg Drive and Rosewood Manor Lane will improve safety. At the County's request, MSHA has agreed to install conduits and handboxes for a pedestrian lighting system. County will install and energize the lights.
- (2) Traffic Signals UPS/BBU mitigates the vulnerability of the traffic control system due to loss of electrical power during storms or in the case of an evacuation.
- (3) Traffic Sign Upgrades improves visibility and traffic safety, particularly during low light and inclement weather situations.
- (4) Guard Rail End Treatments improves traffic safety and reduces the severity of run-off-the-road accidents.

Plans and Studies:

Streetlight Installation on MD 124: MSHA Contract No. MO6325171

Traffic Signals UPS/BBU: Concept of Operations, Version: Revision I, dated February 8, 2007; System Requirements, Version: Revision F, dated May 15, 2007

Traffic Sign Upgrades: Manual on Uniform Traffic Control Devices

Guard Rail End Treatments: Current MSHA guardrail standards and Montgomery County Department of Transportation 2004 guardrail study.

FISCAL NOTE

Funding is provided under the Federal economic stimulus ARRA, Local Highway Allocation, award to the County through a Highway Improvements Program grant. Total grant funds are \$8.49M and do not require a County match. See the ARRA Highway Improvements project (No. 501003) for the remainder of the

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP												
<table border="1"> <tr> <td>Date First Appropriation</td> <td>FY10</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td></td> <td></td> </tr> <tr> <td>Current Scope</td> <td>FY11</td> <td>1,746</td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>2,775</td> </tr> </table>	Date First Appropriation	FY10	(\$000)	First Cost Estimate			Current Scope	FY11	1,746	Last FY's Cost Estimate		2,775	Maryland State Highway Administration (MSHA)	
Date First Appropriation	FY10	(\$000)												
First Cost Estimate														
Current Scope	FY11	1,746												
Last FY's Cost Estimate		2,775												
<table border="1"> <tr> <td>Appropriation Request</td> <td>FY11</td> <td>0</td> </tr> <tr> <td>Appropriation Request Est.</td> <td>FY12</td> <td>0</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td>0</td> </tr> <tr> <td>Transfer</td> <td></td> <td>-1,029</td> </tr> </table>	Appropriation Request	FY11	0	Appropriation Request Est.	FY12	0	Supplemental Appropriation Request		0	Transfer		-1,029		
Appropriation Request	FY11	0												
Appropriation Request Est.	FY12	0												
Supplemental Appropriation Request		0												
Transfer		-1,029												
<table border="1"> <tr> <td>Cumulative Appropriation</td> <td></td> <td>2,775</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td>0</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td>2,775</td> </tr> </table>	Cumulative Appropriation		2,775	Expenditures / Encumbrances		0	Unencumbered Balance		2,775					
Cumulative Appropriation		2,775												
Expenditures / Encumbrances		0												
Unencumbered Balance		2,775												
<table border="1"> <tr> <td>Partial Closeout Thru</td> <td>FY08</td> <td>0</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY09</td> <td>0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td>0</td> </tr> </table>	Partial Closeout Thru	FY08	0	New Partial Closeout	FY09	0	Total Partial Closeout		0					
Partial Closeout Thru	FY08	0												
New Partial Closeout	FY09	0												
Total Partial Closeout		0												

ARRA Traffic Improvements -- No. 501002 (continued)

grant.

Conditions precedent to disbursement of the grant require the State of Maryland to approve planning, specifications and estimates as well as the low, responsive and responsible bidder for construction.

OTHER DISCLOSURES

- A pedestrian impact analysis will be performed during design or is in progress.