

**AGENDA ITEM #8: FY 2015-2018 TIP REVISION – CMAQ TRANSFER REQUEST:
JAMES CITY COUNTY
*Tammy Rosario, James City County***

Attached is a request from James City County to transfer a total of \$307,360 in available Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds from three canceled projects to another CMAQ project in the County to cover an increase in the cost estimate. The specifics of the County's request are described below:

- Transfer \$113,965 FY 1996 CMAQ funds, from the Ironbound Road Paved Shoulder Bikeway project (UPC 71616) to the Route 199/Brookwood Drive Intersection Improvements project (UPC 102948). The County will provide the necessary \$28,491 local match.
- Transfer \$192,589 FY 2000 CMAQ funds, from the Longhill Road Multi-Use Trail project (UPC 13719) to the Route 199/Brookwood Drive Intersection Improvements project (UPC 102948). The County will provide the necessary \$48,147 local match.
- Transfer \$806 FY 2001 CMAQ funds, from the Longhill Road Paved Shoulder Bikeway project (UPC 71617) to the Route 199/Brookwood Drive Intersection Improvements project (UPC 102948). The County will provide the necessary \$202 local match.

Should the HRTPO Board approve the CMAQ fund transfers described above, the FY 2015-2018 Transportation Improvement Program (TIP) will be amended to account for the revisions. This request has been made available for public review and comment. The public review period began on October 26, 2016 and runs through November 9, 2016.

Ms. Tammy Rosario, James City County Principal Planner, will brief the TTAC on this item.

Attachment 8

RECOMMENDED ACTION:

Recommend HRTPO Board approval of the CMAQ fund transfers and the associated TIP amendment.



Community Development

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community.development@jamescitycountyva.gov

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Building Safety & Permits
757-253-6620

Engineering & Resource Protection
757-253-6670

Neighborhood Development
757-253-6640

Planning
757-253-6685

Zoning Enforcement
757-253-6671

October 12, 2016

Dr. Camelia Ravanbakht
Hampton Roads Transportation Planning Organization
The Regional Building
723 Woodlake Drive
Chesapeake, Virginia 23320

RE: Transportation Improvement Program (TIP) Amendment Request for UPC 102948, Intersection Improvements Route 199/Brookwood Drive

Dear Dr. Ravanbakht:

James City County requests a TIP amendment for the above referenced project to accomplish the following:

- **Update Cost Estimate.** The original cost estimate for this project was \$275,000. VDOT's cost estimate is now \$659,200 (PE: \$113,800; RW: \$0; CN \$545,400) and is being updated in the Six Year Plan.

The initial estimate was a pre-scope level estimate and it was based on anticipated scope of work and a no-plan project design. However, during development of the project, the following additional tasks and team member cost updates resulted in cost increases.

PE: PE estimate increased to \$113,800

- Multiple underground utility survey and investigations were conducted due to potential conflicts with the proposed right-turn lane.
- Multiple coordination on utilities regarding potential conflicts with water line along proposed turn lane.
- Design changed from no-plan to full design because of the identified design issues with utilities, median work on Route 199 to accommodate the two left turn movements, and maintenance of traffic schemes at this busy intersection.

CN: Construction estimate increased to \$545,400

- Pre-scope estimate did not anticipate moderate modifications to the median on Route 199 to accommodate the two left turn lanes. This modification requires the removal of 40 feet of median with drainage adjustments.
- Maintenance of traffic cost due to the high traffic volumes at this intersection.
- Required incentive clause for contract.

October 12, 2016

Camelia Ravanbakht, Ph.D.

RE: Transportation Improvement Program (TIP) Amendment Request

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RW: This phase was avoided through the investigation and application of Common Sense Engineering. The project is being revised to eliminate this phase and the \$25,000 right-of-way estimate is no longer needed for this phase.

- **CMAQ Transfer.** In the currently adopted TIP, UPC102948 has \$200,000 in available funding through FY2018. In the currently adopted SYIP, UPC102948 has another \$75,000 available in FY2019.

The PE phase of this project is currently underway and the CN phase of this project is currently scheduled to begin in February 2017.

To fully fund this project, James City County requests a CMAQ fund transfer as noted in the table below. The donor projects (UPC13719 - Route 612 Trail; UPC71617 - Route 612 Paved Shoulder; UPC71616 - Route 615 Paved Shoulder) are previously cancelled projects.

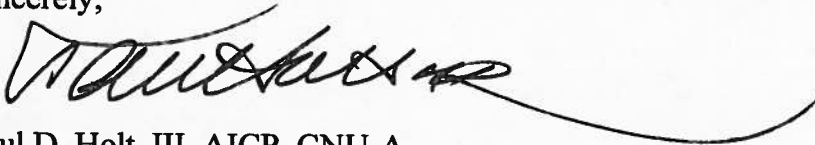
Transfer From				Transfer To		
UPC	Description	Fund Type	Fiscal Year	Amount	UPC	Description
13719	Rt. 612 Trail	CMAQ	2000	\$192,589	102948	Rt.199/Brookwood
71617	Rt. 612 Paved Shoulder	CMAQ	2001	\$806		
71616	Rt. 615 Paved Shoulder	CMAQ	1996	\$113,965		

With the proposed transfer above and the required 20% match (\$76,840), this project would be fully funded. The 20% match is available in UPC T2903 - 6030601: Statewide: Federal/State - James City (CNS601).

Current cost estimates, allocations, obligations, expenditures, and funds available for transfer associated with the affected projects have been confirmed by VDOT and/or coordinated with DRPT.

Should you have any questions, please contact me at 757-253-6685.

Sincerely,



Paul D. Holt, III, AICP, CNU-A
Director of Planning and Community Development