

**AGENDA ITEM #16: FY 2018-2021: TIP REVISION – REQUEST TO TRANSFER CMAQ FUNDING: UPC 103928**  
***Barb Nelson, VPA***

Attached is a request from the Virginia Port Authority (VPA) to revise the cost estimate and schedule of one project and transfer a total of \$2,000,000 in Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds from the HRTPO CMAQ Reserve Account to this CMAQ eligible project to address the increase in costs to continue the project. The specifics of the request are described below:

- UPC 103928 – Green Operator Truck Replacement Program
  - Revise Cost Estimate as follows:
    - Preliminary Engineering (PE): \$5,042,249
    - Right of Way (RW): \$0
    - Construction (CN): \$0
    - Total Cost Estimate: \$5,042,249
  - Receive FY 2021 CMAQ allocation of \$1,424,560, plus \$474,853 State match, from the HRTPO CMAQ Reserve Account
  - Receive FY 2022 CMAQ allocation of \$75,373, plus \$25,214 State match, from the HRTPO CMAQ Reserve Account

This project was included in the HRTPO FY 2018-2021 TIP and is considered consistent with the 2040 LRTP that received a conformity finding from the Federal Highway Administration on October 29, 2018. It was included as not deemed regionally significant and as such, does not require a new conformity determination.

Should the HRTPO Board approve the funding transfers described above, the FY 2018-2021 Transportation Improvement Program (TIP) will be amended to update the funding information associated with the project. This request is being made available for public review and comment from September 25, 2019 through October 9, 2019.

**Ms. Barb Nelson, VPA Vice President of Government Affairs/Transportation Policy, will brief the TTAC on this item.**

Attachment 16

**RECOMMENDED ACTION:**

Recommend HRTPO Board approval of the proposed project funding transfers and associated TIP amendment.



**THE PORT OF VIRGINIA®**

**VIRGINIA PORT AUTHORITY**  
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 (757) 683-8000

September 19, 2019

Mr. John Mihaly  
 Principal Transportation Planner  
 Hampton Roads Transportation Planning Organization  
 723 Woodlake Drive  
 Chesapeake, VA 23320

RE: FY 2018-FY 2021 Transportation Improvement Program (TIP) Amendment Request UPC 103928, Virginia Port Authority Green Operator Truck Replacement Program.

Dear Mr. Mihaly.

The Virginia Port Authority (VPA) requests that the HRTPO amend the FY 2018-2021 Transportation Improvement Program (TIP) to revise the cost estimate, schedule, and allocations for UPC 103928: Green Operator Truck Replacement Program.

- Revised Cost Estimate: \$5,042,249
  - Preliminary Engineering (PE): \$5,042,249
  - Right of Way (RW): \$0
  - Construction (CN): \$0
- Revised Project Schedule:
  - PE: Start: 11/12/2014; End: 06/30/2024
  - RW: Start: N/A; End: N/A
  - CN: Start: N/A; End: N/A

The regional Green Operator Truck Replacement program (UPC 103928) is a previously approved CMAQ project and VPA is requesting a total of \$2,000,000 from the HRTPO CMAQ Reserve Account in order to address the increase in costs to continue this impactful air quality program. In an effort to distribute the funding requests to support this program, the port competed for funding to continue this program under the EPA Diesel Emission Reduction Act (DERA) and were notified in July 2019 that the Green Operator Program was not selected for funding.

Transfer From:			Transfer To:	
UPC	Fund Type/Year	Fund Amount	UPC	Description
HRTPO CMAQ Reserve Account	CMAQ (FY 2021)	\$1,899,413 *	103928	Green Operator Truck Replacement Program
HRTPO CMAQ Reserve Account	CMAQ (FY 2022)	\$100,587 *	103928	Green Operator Truck Replacement Program

\* includes state match

In 2007, the Virginia Port Authority (VPA) voluntarily launched the Green Operator Truck Retrofit and Replacement Program for the drayage truck fleets serving VPA marine terminals. Using financial and operational incentives, the goal is to encourage drayage truck owners transporting cargo through The Port of Virginia to serve as environmental stewards and replace their pre-2006 heavy duty diesel trucks with low emission and more fuel efficient 2010 or newer models.

Green Operator has become a brand name in the Virginia drayage truck community. Marketing and outreach is conducted by Virginia Clean Cities through a 24-hour Hotline (757-255-TRUK), and the Green Operator website ([www.greenoperator.org](http://www.greenoperator.org)). Ecologix administers the program for The Port and handles all administrative functions of the program.

Green Operator has become a national model for voluntary truck replacement. It has been used as a basis for port drayage truck program development in Texas, South Carolina, North Carolina, Maryland, Delaware, Georgia, and Pennsylvania to name a few.

Currently, the Green Operator program offers a \$30,000 incentive to approved truck owners to replace a 2006 or older diesel drayage truck. Green Operator is currently out of funding and is maintaining a waiting list of over 20 applicants. Any grant monies received will be used to fully or partially fund the replacement of local dray trucks. The incentive will equal up to 50% of the sales price of a 2010 or newer model truck or \$30,000, whichever is less. To qualify for the Green Operator program, truck owners must meet the following eligibility requirements.

- Provide drayage service to The Port of Virginia facilities.
- Old truck must be scrapped and must be operable. Video evidence is required.
- Engine model year 2006 or older, Class 8 vehicles with a GVWR of 33,000 pounds or more.
- Owned by the applicant for at least one year, verified by date on title.
- Operable on the date that it is authorized for scrappage.
- Have current vehicle registration and proof of valid insurance coverage. Must be free of any liens.

To date, Green Operator remains the most successful clean-truck program in the country, replacing or retrofitting nearly 500 trucks in the region and reducing NO<sub>x</sub>, CO, VOC, SO<sub>2</sub>, and PM emissions from dray trucks servicing the Port by as much as 25%.

Current cost estimate, allocations, obligations, expenditures, and funds available for transfer associated with the affected project have been confirmed with VDOT. The VPA requests the staff of the Hampton Roads TPO process this TIP amendment request at the September 4, 2019 meeting. Thank you again for your support and consideration of this request.

Sincerely,



Barbara Nelson  
Vice President, Government Affairs/Transportation Policy