



CHESAPEAKE BAY BRIDGE AND TUNNEL COMMISSION

Regular Meeting

CBBT Administration Building

July 12, 2022

9:30 a.m.

Minutes

Commission Members Physically Present: Frederick T. Stant, III; John F. Malbon; Jeffrey K. Walker; Paul E. Bibbins Jr., PhD.; Karen S. James; Keith Colonna; Jeffrey A. Rowland; Reeves W. Mahoney; Gregory L. Duncan, Sr.; William T. Ferguson; Phillip R. Custis; Mark C. Bundy.

Commission Member Present via Webex: Chris O. Snead.

District Staff Present: Jeffrey B. Holland; Thomas R. Anderson, III; Michael T. Crist, P.E.; Edward A. Spencer; Brittany E. Cannon.

District Advisors Present: Hugh L. Patterson, Commission Counsel.

Guests Present: Stephen A. Johnsen, Alumni Commissioner; Bridgette Clifford, Operations Smile; Delegate Anne Tata, House of Delegates.

1. CALL TO ORDER:

The Chairman, Frederick T. Stant, III, called the meeting to order at 9:30 a.m. and welcomed everyone.

2. APPROVAL OF MINUTES – MAY 10, 2022 MEETING, as distributed:

Motion made by Mr. Duncan, seconded by Mr. Ferguson, to approve the minutes of the May 10, 2022 Commission meeting, as distributed. The motion was approved unanimously.

3. PUBLIC COMMENT:

There were no public comments to be heard, nor any comments submitted in writing prior to the meeting.

Mr. Stant introduced the two new Commissioners, Mark Bundy and Phillip Custis. Commission members and staff then introduced themselves.

Mr. Holland congratulated Mr. Colonna and Mr. Stant on their recent reappointments and thanked them for their continued service.

4. PAUL E. BIBBINS, JR, PHD., RESOLUTIONS OF APPRECIATION:

Mr. Malbon read a Resolution of Appreciation for Dr. Bibbins for eight years of dedicated service on the Commission and inducted him into the Alumni Society.

Motion made by Mr. Malbon, seconded by Mr. Rowland and unanimously carried, the Commission adopted the Resolution of Appreciation for Dr. Paul E. Bibbins, Jr.

Mr. Holland presented Dr. Bibbins with a plaque and stretched canvas of an aerial view of the CBBT.

**RESOLUTION OF APPRECIATION
FOR
THE HONORABLE Paul E. Bibbins, Jr. PhD.**

WHEREAS, The Honorable Dr. Paul E. Bibbins Jr., was appointed by Governor Terry McAuliffe on July 1, 2014, to serve as a member of the Chesapeake Bay Bridge and Tunnel Commission as a representative from Northampton County; and,

WHEREAS, Dr. Bibbins, was reappointed to the Commission by Governor Ralph Northam for an additional four-year term, and served with distinction until 2022; and,

WHEREAS, Dr. Bibbins, provided invaluable insight, perspective, and guidance serving as a member of the Little Creek Real Estate Committee from 2014 through 2016, to oversee the District property on the Little Creek Harbor; the Nominating Committee from 2015 through 2022, presenting a slate of officers to the Commission; the Personnel Committee from 2016 through 2022, presenting recommendations of employee compensation and benefit changes to the Commission; and,

WHEREAS, In furtherance of this devotion, he graciously volunteered his time and served the Eastern Shore community while serving as a board member of the Northampton County Education Foundation, Inc.; United Way of Virginia’s Eastern Shore; Eastern Shore Community College Foundation; Shore Delivery Corps; Eastern Virginia Medical School; Virginia Space Flight Academy; The Invisible History of African Americans in Cape Charles, the Virginia Advisory Board, and as Vice President of the Eastern Shore Community College Advisory Board ; and,

WHEREAS, Dr. Bibbins received an award of Recognition for nine years of service to the Northampton County Public School System School Board; and,

NOW, THEREFORE, BE IT RESOLVED That the Chesapeake Bay Bridge and Tunnel Commission formally expresses its deep appreciation to the Honorable Dr. Paul E. Bibbins Jr., for his untiring loyalty and devotion to the Commonwealth of Virginia and this Commission, and hereby inducts him into the Chesapeake Bay Bridge and Tunnel Commission Alumni Society.

JEFFREY K. WALKER, RESOLUTIONS OF APPRECIATION:

Mr. Duncan read a Resolution of Appreciation for Mr. Walker for eight years of dedicated service on the Commission and inducted him into the Alumni Society.

Motion made by Mr. Duncan, seconded by Ms. Snead and unanimously carried, the Commission adopted the Resolution of Appreciation for Mr. Walker.

Mr. Holland presented Mr. Walker with a plaque and stretched canvas of an aerial view of the CBBT.

**RESOLUTION OF APPRECIATION
FOR
THE HONORABLE Jeffrey K. Walker**

WHEREAS, The Honorable Jeffrey K. Walker was appointed by Governor Terry McAuliffe on July 1, 2014, to serve as a member of the Chesapeake Bay Bridge and Tunnel Commission as a representative from Northampton County; and,

WHEREAS, Mr. Walker was reappointed to the Commission by Governor Ralph Northam for an additional four-year term, and served diligently and with distinction until 2022; and,

WHEREAS, He offered his guidance and assistance, serving as a member of the Renewable Energy Committee from 2014 through 2022, to keep the Commission abreast of developments in wind project initiatives on the East Coast; the Finance Committee from 2015 through 2016 to oversee the audited financial statements and other matters that pertain to budget, funds, bonds, and long-term capital plan; the Nominating Committee from 2018 through 2022, presenting a slate of officers to the Commission; the Project Construction Committee from 2017 through 2022, to oversee Phase II-A and Phase II-B of the Parallel Crossing Project; and,

WHEREAS, He has also pursued the enhancement of the lower Eastern Shore and the economic development of the surrounding localities for the welfare of the citizens of Northampton County, both personally and professionally, as evidenced by his past service as Chairman of the Northampton County Affordable Housing Committee, board member of the Board of Supervisors, the Accomack Planning District Commission, the Accomack-Northampton Transportation District Commission, and was a founding member of the Virginia Eastern Shore Land Trust; and,

NOW, THEREFORE, BE IT RESOLVED That the Chesapeake Bay Bridge and Tunnel Commission formally expresses its deep appreciation to the Honorable Jeffrey K. Walker for his untiring loyalty and devotion to the Commonwealth of Virginia and this

Commission, and hereby inducts him into the Chesapeake Bay Bridge and Tunnel Commission Alumni Society.

5. OPERATIONS SMILE PRESENTATION:

Ms. Clifford was present to provide the Commission an overview of Operation Smile. Ms. Clifford requested permission that in honor of Operation Smile's 40th Anniversary, a Cycle for Smiles commence across the Chesapeake Bay Bridge-Tunnel and continue to the Global Headquarters, a select team compiled of the Virginia Beach founders and student leaders of Operation Smile will cycle 40 miles to culminate 40 rides in 40 regions of the World.

**RESOLUTION COMMENDING OPERATION SMILE
ON THE OCCASION OF ITS 40th ANNIVERSARY**

WHEREAS, Operation Smile is a private, not-for-profit volunteer medical services organization providing reconstructive surgery and related health care to indigent children and young adults in developing countries and the United States; and,

WHEREAS, in 1982, Dr. William P. Magee Jr., a plastic surgeon, and his wife, Kathleen S. Magee, a nurse and clinical social worker, traveled to the Philippines with a group of medical volunteers to repair children's cleft lips and cleft palates; and,

WHEREAS, Operation Smile headquartered in Norfolk, Virginia, was founded in 1982 by Dr. William Magee Jr. and his wife Kathleen S. Magee to address this need; and,

WHEREAS, since 1982, Operation Smile's volunteers have provided free reconstructive surgery to more than 326,000 people receive life-changing surgical and dental care; and,

WHEREAS, Operation Smile provides education and training to thousands of healthcare professionals globally, and is implementing a plan for a Global Standard of Care to ensure that every child treated will receive the same high standard of care every time; and,

WHEREAS, Operation Smile provides a network of resources to assist families in the United States with children born with facial deformities; and,

WHEREAS, more than 450 Operation Smile Student Associations in the United States and around the world build awareness, raise funds, and educate students about values of commitment, leadership, and volunteerism; and,

WHEREAS, in 2022, in commemoration of its 40th anniversary, Operation Smile has announced a Cycle for Smiles a Global Celebration, which consists of teams of 40 cyclist

to cycle 40 m/km in 40 regions with the goal of launching a 10-year impact plan to provide care to 1 million patients; and,

WHEREAS, on Sunday, October 30, 2022, in honor of Operation Smile's 40th Anniversary, a Cycle for Smiles will commence across the Chesapeake Bay Bridge-Tunnel and continue to Global Headquarters, a select team comprised of the Virginia Beach founders and student leaders of Operation Smile will cycle 40 miles to culminate 40 rides in 40 regions of the World;

NOW, THEREFORE, BE IT RESOLVED That the Chesapeake Bay Bridge and Tunnel Commission congratulates Operations Smile on the occasion of 40 years of incorporation and wishes them every success with their 40th Year Global Celebration, which will be held on the Chesapeake Bay Bridge-Tunnel facility on October 30, 2022.

Bridgette Clifford and Delegate Tata departed the meeting at this time.

6. TRAFFIC & REVENUE REPORT – MAY & JUNE, HOLIDAY WEEKEND TRAFFIC:

Mr. Holland reported that traffic for May 2022 totaled 372,657 vehicles, which was a decrease of 15991 vehicles or -4.1% under May 2021. E-ZPass utilization totaled 73.6%. Revenue for May 2022 totaled \$6,013,011 which was a decrease of \$233,033 or -3.7% under May 2021. Gas prices were \$4.55 in May 2022, versus \$3.01 in May 2021. There were 32 hours of wind restrictions in May 2022, versus 13 hours in May 2021. There were 45 hours of tunnel lane closures in May 2022, versus 82 hours in May 2021.

Traffic for June 2022 totaled 397,747 vehicles, which was a decrease of 24,950 vehicles or -5.9% under June 2021. E-ZPass utilization totaled 73.1%. Revenue for June 2022 totaled \$6,716,637, which was a decrease of \$334,022 or -4.7% under June 2021. Gas prices were \$4.69 in June 2022, versus \$2.97 in June 2021. There were 7 hours of wind restrictions in June 2022, versus 4 hours in June 2021. There were 97 hours of tunnel lane closures in June 2022, versus 107 hours in June 2021.

For the calendar year-to-date through June 2022, vehicles were up 1.7% and revenue was up 2.2%. For the fiscal year-to-date through June 2022, vehicles were up 14.1% and revenue was up 13.8%.

7. WIND ADVISORY & RESTRICTION POLICY AMENDMENT:

Mr. Holland reported each of the changes made to Wind Advisory and Restriction Policy. He stated that purpose for restructuring the current program makes the different wind levels more practical for the District to implement and administer.

Motion made by Mr. Rowland, seconded by Mr. Ferguson and unanimously carried, the Commission approved the amended Wind Advisory and Restriction Policy as recommended, effective July 1, 2022 and a copy is attached to the minutes.

8. PRELIMINARY ACTUAL TO BUDGET ANALYSIS FY 2022:

Mr. Anderson reported that projected actual expenditures for the fiscal year ended June 30, 2022, totaled \$15,688,997; budgeted expenditures totaled \$16,362,200; for a variance of \$673,202 or 4.1% under budget.

9. AWARD OF FUEL CONTRACT:

Mr. Crist reported that the District Fuel Contract was awarded to World Fuel Services, Inc. The District requested a quote on fixed pricing through September 2022 and found that pricing was not favorable. The District will continue to monitor pricing and adjust if opportunities are available.

10. PILE JACKET DEMONSTRATION PROJECT:

Mr. Crist reported that the original Pile Project was approved in March of 2022. The District surveyed the entire industry and nothing fit the facility's needs for long-term durability. District staff is trying to develop a system that can apply across 200 pilings along the facility and be cost effective. The District received a proposal from Crofton, a contractor and a manufacturer of Carboshield. This project would include test installation methods on six piles at the beach. Three of the piles would be tested with an adhesive system and the other three would be tested with mechanical anchors. These methods would eliminate marine challenges and reduce labor cost. District staff request authorization to proceed with this proposal with Crofton for an estimated cost of \$423,829 but not to exceed \$450,000.

Motion made by Mr. Duncan, seconded by Mr. Rowland, and unanimously carried, the Commission authorized District staff to execute the Pile Jacket Demonstration Project and to be performed by Crofton at a not to exceed cost of \$450,000.

Mr. Bundy abstained from the vote.

11. VRSA RENEWAL COMPARISON:

Mr. Anderson updated the Commission regarding the VRSA Insurance renewal for property, liability, worker's compensation, cyber liability, and LODA insurance for the upcoming fiscal year. The total renewal cost was a variance of approximately \$12,821 or an 4.10% increase from the previous year. The total premium for FY 2023 is \$325,557 versus the expired premium of \$312,736 for 2022. The District's annual insurance policy

line item funds are allocated in the annual operating budget that the Commission approves in May of each year.

12. UPDATE ON PARALLEL THIMBLE SHOAL TUNNEL (PTST) DESIGN AND CONSTRUCTION:

Mr. Crist reported the following: i.) CTJV continued driving the interlocking pipe pile support of excavation (SOE); ii.) CTJV is driving pipe piles for both the east and west walls. As of April 30, 2022, CTJV had installed approximately 86% of the piles. iii.) CTJV continues installing the concrete slabs in the open approach. iv.) Installation of the conveyor belt structure has begun along the muck pit's eastern side. v.) CTJV continued jet-grouting operations in the open approach area. vi.) CTJV is erecting the Omega trestle on Two Island.

13. PARALLEL THIMBLE SHOAL TUNNEL EXPENDITURES TO DATE:

Mr. Anderson presented the attached report of Project expenditures to date.

14. UPDATE ON THE NORFOLK HARBOR CHANNEL DEEPENING PROJECT:

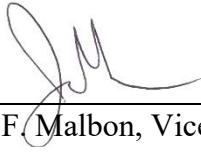
Mr. Crist provided an update on the Norfolk Harbor Channel deepening project pertaining to the Thimble Shoal Tunnel cover. During this project, the cover that is currently over Thimble Shoal Tunnel will have to be adjusted in order to get to the 55 ft. depth that they are trying to achieve. The current design cover over the tunnel is at 10 ft. and they have to reduce it to 5 ft. In order to do this, the port will dredge a 10 foot pit to the east of the tunnel and utilize a water injection dredging process and blow the sand off of the top of the tunnel. A rock blanket will be installed in order to protect the existing tunnel.

15. ANNOUNCEMENTS:

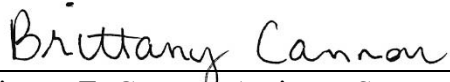
- a. Mr. Holland announced that the Commission, employee, and retiree picnic will be held on October 29, 2022, here on the courtyard of the Administration Building.
- b. Mr. Holland reminded the Commissioners to schedule their Vascular screening during July 18 through July 29.
- c. Mr. Holland updated the Commission on the launch of the new website.
- d. Mr. Holland announced that for the final 6 months of 2022, the standard mileage rate for business travel will be 62.5 cents per mile, up 4 cents from the rate effective at the start of the year.
- e. Mr. Holland announced that the next Regular Commission meeting is scheduled for Tuesday, September 13, 2022.

16. ADJOURN:

With no further business coming before the Commission, the meeting was adjourned.



John F. Malbon, Vice-Chairman



Brittany E. Cannon, Assistant Secretary



Frederick T. Stant, III, Chairman

Attachment

Parallel Thimble Shoal Tunnel Project
Total Project Budget
As of June 30, 2022

Project Tasks & Components	May 2021 Revised Budget	Total Expended To Date	Expended @ 05/31/22	Monthly Expenditures	Remaining Budget
<u>CBBT Development Phase</u>					
CBBT Development Phase Budget	18,524,560	18,524,560	18,524,560	-	-
<u>CBBT Financing Budget</u>					
Municipal Advisor	866,000	781,950	781,950	-	84,050
CBBT Financing Budget	3,912,210	3,828,160	3,828,160	-	84,050
<u>CBBT Construction Phase</u>					
Construction Mgmt	11,000,000	2,946,540	2,945,520	1,020	8,053,460
Project Counsel	2,000,000	223,530	221,380	2,150	1,776,470
Arbitration Counsel	3,000,000	514,930	514,930	-	2,485,070
Dispute Review Panel	1,500,000	446,210	446,210	-	1,053,790
Arbitration Panel	1,500,000				1,500,000
CNC/LUS Relocation	4,591,740	4,562,730	4,562,730	-	29,010
Garage	550,000	383,110	383,110	-	166,890
Fan Motor Control Center	4,000,000	2,581,870	2,581,870	-	1,418,130
CCTV Software Upgrade	500,000	400,040	395,240	4,800	99,960
Existing Tunnel Ventilation Study	250,000				250,000
Vent Buildings Emergency Power Upgrades	3,150,000	104,090	104,090	-	3,045,910
Design Mgmt/Design QA	9,583,200	5,837,720	5,837,720	-	3,745,480
Risk Management Consultant	125,000			-	125,000
District Project Management Staff	2,100,000	1,177,740	1,158,860	18,880	922,260
Commission General Counsel	125,000	13,940	13,940	-	111,060
Commission Approved District Development Expenses	550,000	331,200	330,460	740	218,800
Total CBBT Construction Phase Budget	44,524,940	19,523,650	19,496,060	27,590	25,001,290
<u>Design-Builder Construction Phase</u>					
Direct Construction Cost	756,545,238	416,550,280	416,550,280	-	339,994,958
5% Withholding	-	7,433,800	7,433,800	-	(7,433,800)
NCR Work Withholding	-	-	-	-	-
Total Design-Builder Construction Phase Budget	756,545,238	423,984,080	423,984,080	-	332,561,158
Project Contingency	101,283,776	-	-	-	101,283,776
Total Project Budget	924,790,724	465,860,450	465,832,860	27,590	458,930,274

Chesapeake Bay Bridge and Tunnel Wind Advisory and Restriction Policy

Category / Level	Average Wind Speed (mph)	Vehicle Restrictions
Advisory	35	<p>Speed limit reduced to 45mph</p> <p>No Passing</p>
Level I - Restrictions	40	<p>The following types of vehicles will <u>NOT</u> be allowed to cross the facility:</p> <ul style="list-style-type: none"> • Motorcycles • Large pick-up campers (RVs) • Camper trailers • House trailers • Anything being towed • Vehicles with exterior cargo that may become unsecured due to high winds • 6-wheel trucks; such as moving vans, rental trucks, box trucks • Buses • Empty tractor-trailers (less than 15,000 lbs. cargo) <p>The following types of vehicles <u>WILL</u> be allowed to cross the facility:</p> <ul style="list-style-type: none"> • Tractors without trailers • Empty flatbed trailers • Empty car carriers • Empty “low-boys” • Empty logging trailers • Tractor-trailers (and tankers) must gross 15,000 pounds payload in addition to the weight of the rig <p>Speed limit is reduced to 45mph</p> <p>No Passing</p>
Level II - Restrictions	50	<p>The <u>ONLY</u> types of vehicles allowed to cross are:</p> <ul style="list-style-type: none"> • cars without exterior cargo; • pick-up trucks (to include 2-axle, 6 wheels) without cargo; • mini-vans; • vans not to include high-profile/conversion vans; • SUVs;
Level III – Closed	60+	Closed to all traffic due to weather conditions or safety concerns.