



CHESAPEAKE BAY BRIDGE AND TUNNEL COMMISSION

Regular Meeting CBBT Administration Building

September 13, 2022

9:30 a.m.

Minutes

Commission Members Physically Present: Frederick T. Stant, III; John F. Malbon; Chris O. Snead; Karen S. James; Keith Colonna; Jeffrey A. Rowland; Reeves W. Mahoney; Gregory L. Duncan, Sr.; William T. Ferguson; Phillip R. Custis.

Commission Member Present via Webex: Mark C. Bundy

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

District Advisors Present: None.

Guests Present: Stephen A. Johnsen, Alumni Commissioner; E.J. Sayers and Judy Sayers; Mrs. Patty Kellam, Eastern Shore Community College.

1. CALL TO ORDER:

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

1. APPROVAL OF MINUTES – JULY 12, 2022 MEETING, as distributed:

Motion made by Mr. Duncan, seconded by Mr. Rowland, to approve the minutes of the July 12, 2022 Commission meeting, as distributed. The motion was approved unanimously.

2. 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 guest E.J. Sayers and Judy Sayers.

Mr. Holland and Chief Spencer welcomed E.J. Sayers and Judy Sayers.

3. CHIEF BARCROFT MEMORIAL RESOLUTION:

Mr. Custis read aloud a Memorial Resolution of Appreciation for Chief James Barcroft for his years of dedicated service to the District and community.

Motion made by Mr. Colonna, seconded by Mr. Ferguson and unanimously carried, the Commission adopted the Memorial Resolution for Chief James Barcroft.

Mr. Holland presented Mrs. Sayers with a copy of the Memorial Resolution.

**RESOLUTION IN MEMORY OF
CHIEF JAMES BARCROFT**

WHEREAS, on June 8, 2022, the Chesapeake Bay Bridge and Tunnel Commission lost the extraordinary presence, of a dear friend and colleague, James Barcroft; and,

WHEREAS, Chief James Barcroft was employed by the Virginia Ferry Corporation in 1954 and then employed by the Chesapeake Bay Bridge and Tunnel District in 1959; and,

WHEREAS, Chief James Barcroft completed the Norfolk Police Academy in 1964 and the Federal Bureau of Investigation Academy Quantico in 1974; and,

WHEREAS, Chief James Barcroft served as a Sergeant from 1965 to 1974, a Lieutenant from 1974 to 1982; and, Chief of Police from 1982-1995; and,

WHEREAS, Chief James Barcroft was promoted to Chief of Police in 1982 and served as the Director of Operations for the District; and,

WHEREAS, Chief James Barcroft's career with the District is an example of the best that law enforcement professionals can provide when serving a community and its citizens; and

WHEREAS, Chief James Barcroft provided the District invaluable insight, perspective, and guidance in serving as an instructor for the American Red Cross First Aid, instructor for the American Red Cross CPR, certified Police instructor for the Commonwealth of Virginia, certified Firearms instructor for the Commonwealth of Virginia, and;

WHEREAS, In furtherance of this devotion, he graciously volunteered his time and shepherded the law enforcement community while serving as a member of the Federal Bureau of Investigation Association, the International Association of Chiefs of Police, and serving as a board member of the Virginia Alcohol and Safety Action Program; and,

WHEREAS, Chief James Barcroft retired from the District on March 1, 1995.

NOW, THEREFORE, BE IT RESOLVED That the Chesapeake Bay Bridge and Tunnel Commission formally expresses its deep appreciation for his years of dedicated service as a distinguished District employee,

AND BE IT FURTHER RESOLVED That the Commission’s sympathy be expressed to his family on his death, as he will forever be remembered fondly for his mentorship, dedication, and public service.

Unanimously passed by the Chesapeake Bay Bridge and Tunnel Commission on this 13th day of September, 2022.

Judy and E.J. Sayers departed the meeting at this time.

4. TRAFFIC & REVENUE REPORT – JULY & AUGUST, HOLIDAY WEEKEND TRAFFIC:

Mr. Holland reported that traffic for July 2022 totaled 463,815 vehicles, which was a decrease of 24,550 vehicles or -4.7% under July 2021. E-ZPass utilization totaled 73.2%. Revenue for July 2022 totaled \$8,443,106 which was a decrease of \$334,312 or -3.8% under July 2021. Gas prices were \$4.26 in July 2022, versus \$2.97 in July 2021. There were 5 hours of wind restrictions in July 2022, versus 15 hours in July 2021. There were 12 hours of tunnel lane closures in July 2022, versus 59 hours in July 2021.

Traffic for August 2022 totaled 488,864 vehicles, which was a decrease of 17,458 vehicles or -3.4% under August 2021. E-ZPass utilization totaled 75.3%. Revenue for August 2022 totaled \$8,233,661, which was a decrease of \$228,571 or -2.7% under August 2021. Gas prices were \$3.87 in August 2022, versus \$3.02 in August 2021. There were 4 hours of wind restrictions in August 2022, versus 7 hours in August 2021. There were 110 hours of tunnel lane closures in August 2022, versus 77 hours in August 2021.

For the calendar year-to-date through August 2022, vehicles were down -0.4% and revenue was up 0.1%. For the fiscal year-to-date through August 2022, vehicles were down -4.1% and revenue was down -4.1%.

5. EDUCATIONAL TOLL PROGRAM UPDATE FY2022 BY ESCC:

Mrs. Kellam of the Eastern Shore Community College (ESCC) was present to provide an update to the Commission on the FY 2022 Educational Toll Fund Program and the Eastern Shore Community College. Mrs. Kellam reported that the Education Toll Fund program assists students commuting across the Chesapeake Bay Bridge-Tunnel for the purpose of furthering their post-secondary education. Mrs. Kellam reported the following highlights of the program for FY 2022:

- The top schools traveled to are ECPI, Rudy and Kelly, ODU and Empire Beauty.
- The top towns traveled from are Cape Charles, Exmore, and Melfa.
- Both FY22 1st, and 2nd quarters trips reimbursed have increased over the same quarters in FY21. Quarter 3 decreased by 28% and the 4th quarter increased tremendously by 50% over the last year. The year to date increase is approximately

21%. This is due to COVID-19 restrictions resulting in March 2020, schools switched to online where many classes were held virtually.

Mrs. Kellam reported that the ESCC workforce program enrollment is up 50% over the previous year. Mrs. Kellam thanked the Commission for their partnership and support of this program. *Mrs. Kellam left the meeting at this time.*

6. FINAL FY 2022 BUDGET VS ACTUAL OPERATING EXPENSE:

Mr. Anderson reported that projected actual expenditures for the fiscal year ended June 30, 2022, totaled \$15,574,352; budgeted expenditures totaled \$16,362,200; for a variance of \$-787,801 or -4.8% under budget.

7. APPROVAL OF REVISED LONG TERM CAPITAL PLAN FY 2023-2028:

Mr. Crist gave an overview of the projects for FY 2023 – FY 2028, that were refined from the previously adopted Capital Plan in May which include:

- a) Welcome Center Septic System Modifications: The current Virginia Department of Health (VDH) permit is renewable on 5-year basis and is required to meet a Total Maximum Daily Load (TMDL) of Level 2. With the VHD permit expiring in 2022, the District will need to reapply for a new permit. The current systems' design and construction from 2016 allows for 6,000 gallons/day. District personnel monitor this by conducting weekly inspections and routine maintenance with quarterly outsourced inspections. During the peak travel times through the summer, District maintenance workers are responding to numerous high level alarms that occur during the weekend. Current flow rates are two to three times the design flowrate resulting in the system to be temporarily overloaded, and not functioning at optimum water demand monthly's average. The maximum daily water demand correlation to traffic volume is lower during the week and higher during the weekend resulting from vacation travelers. The determined design volume average septic flow is 6,000 gallons per day. The maximum peak septic flow is about 15,000 gallons per day which is two in a half times the systems design. District Staff recommends adding approximately 10,000 gallons of surge capacity for equalization on peak days and adjusting the existing piping and flows, to accommodate new equalization capacity. The new design would also include an additional tank for debris and other minor modifications to remove three effluent filters for a better flow rate. The sewage pumps would be relocated to improve flow and processing. The total project improvement project cost has increased \$50,000 in the Capital Projects Plan for a cost of \$250,000.
- b) Signage and MOT. The City of Virginia Beach is planning an overlay of the Northampton Boulevard bridges over Shore Drive. The overhead sign near Shore Drive needs to be updated/replaced.

Motion made by Mr. Rowland, seconded by Ms. Snead, and unanimously carried, that the Commission approved the revised and final Capital Projects Plan, FY 2023 – FY 2028.

Mr. Crist requested the Commission's approval to advertise the Steel repairs to the North Channel Bridge. The Steel repairs are included in the current Capital Plan. This project is to repair the corrosion and deterioration to approximately 60 locations along the bridge with a budget of \$550,000 with in the Capital Plan, this request is just seeking authorization to advertise. Expectations are to award this project at the November Commission meeting.

Motion made by Mr. Ferguson, seconded by Ms. Snead, and unanimously carried, that the Commission authorized District staff to advertise the Steel Repair project not to exceed \$550,000. Award to be made at November Commission meeting.

Mr. Crist reported that the District has a need for specialized engineering services. Jacobs Engineering is our current consulting engineering services however; it is challenging to schedule smaller jobs. The miscellaneous engineering services award would be a one-year contract with renewable options.

Motion made by Mr. Duncan, seconded by Ms. James, and unanimously carried, that the Commission authorize District staff to advertise Miscellaneous Engineering services.

8. FINANCE PLAN- UPDATE ON ACTUAL VS. MODELED PERFORMANCE:

Mr. Anderson provided an overview of the updated quarterly financial model that is provided in compliance with the specific requirements of the bond covenants of the TIFIA Loan, VTIB Loan and 2016 General Resolution Revenue Bonds in support the of debt financing that is utilized to finance the Parallel Thimble Shoal Tunnel Project.

9. GRANT AUTHORIZATION TO THE FINANCE COMMITTEE FOR ISSUANCE OF AUDITED FINANCIAL STATEMENTS:

On motion by Mr. Snead, seconded by Mr. Rowland, and unanimously carried, the Commission granted authorization to the Finance Committee for the publication of audited Financial Statements for FY2022.

10. 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 has increased the length of the SOE walls by approximately forty feet. As a result, additional piles (80) must be driven. The total pile revision to be installed on One Island is 440 piles. As of July 31, CTJV has installed 331 piles, approximately 75%. 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. Approximately 8% of the interlocking pipe piles have been installed.

11. CLOSED MEETING – BRIEFING BY STAFF AND LEGAL RECOMMENDATIONS REGARDING DISPUTE MATTERS:

In accordance with Section 2.2-3711 of the Code of Virginia, Mr. Malbon moved that the Commission go into Closed Meeting under the provisions of Section 2.2-3711 of the Virginia Freedom of Information Act for the following purposes:

Section 2.2-3711.A 7. Briefing by Staff and Legal Recommendations Regarding Dispute Matters.

The motion was seconded by Mr. Ferguson, and unanimously carried.

12. RETURN TO OPEN MEETING:

A roll call vote was taken pursuant to Section 2.2-3712.D. of the Code of Virginia immediately after reconvening in Open Meeting, at which time each member certified by his vote that to the best of his knowledge (i) only public business matters lawfully exempt from Open Meeting requirements under this chapter and (ii) only public business matters as were identified in the motion by which the Closed Meeting was convened were heard, discussed, or considered in the meeting by the Commission. No member prior to the vote stated that he believed there was a departure from requirements (i) and (ii) Snead, yes; Rowland, yes; Ferguson, yes; Colonna, yes; Custis, yes; James, yes; Duncan, yes; Malbon yes; Bundy, yes; Stant, yes; Mahoney, yes.

13. PARALLEL THIMBLE SHOAL TUNNEL EXPENDITURES TO DATE:

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

14. ANNOUNCEMENTS:

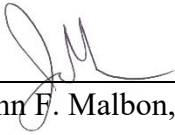
- a. Mr. Holland announced that the Commission, employee, and retiree picnic will be held in October 29, 2022, here on the courtyard of the Administration Building.
- b. Mr. Holland updated the Commission on the Cal Ripken Sr. Foundation project in the Northampton County Schools. The District hosted this event at a small cost of \$750 and will continue to collaborate with the Foundation with implementing this initiative for the youth of the Eastern Shore.
- c. Mr. Holland invited Mr. Colonna to speak to his experience in the recent Vascular screenings that held by the District during July 18 through July 29. Mr. Colonna shared his wife, Mrs. Lori Colonna participated in this free screening which resulted in her finding an arterial Aneurism that would of not been identified if not for this free screening. Mrs. Colonna had emergency surgery and she is recovering at home. He strongly encouraged the group to consider getting this screening in the future.
- d. Mr. Holland announced that the next Regular Commission meeting is scheduled for Wednesday, November 9, 2022.

15. ADJOURN:

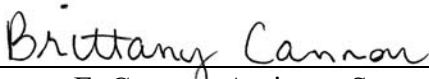
With no further business coming before the Commission, the meeting was adjourned.



Frederick T. Stant, III, Chairman



John F. Malbon, Vice-Chairman



Brittany E. Cannon, Assistant Secretary

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 |