



BOARD MEETING AGENDA
THURSDAY, MAY 16, 2019 - 3:00 P.M.

I. ADOPT THE REGULAR BOARD MEETING MINUTES OF APRIL 18, 2019

II. BUSINESS ITEMS:

A. Administration & Human Resources:

None

B. Engineering and Maintenance:

- a. Revised 2019-2023 Capital Plan
- b. System-Wide Hazardous Spill Response Service Contract – Tradebe Environmental Service Request to Modify Agreement – BA-2019-OE-112-OT
- c. Jobs in Progress Monthly Report

C. Financial:

- a. Monthly Investment Report
- b. Audit of Year End 2019 Financial Reports
- c. 2019 Internal Control Systems Auditor – Engagement Letter and International Audit Plan

D. Information Technology:

None

E. Bridge Operations:

None

III. REPORTS TO BOARD:

- a. Acting Director's Monthly Activity Report
- b. April 2019 Traffic and Revenue Analysis
- c. April 2019 E-ZPass Sales Analysis
- d. Historic Bridges of the Hudson Valley

IV. PRESENTATION TO BOARD:

V. OLD BUSINESS:

VI. NEW BUSINESS:

VII. ATTORNEY CLIENT PRIVILEGE:

VIII. ADJOURNMENT:

NEXT MEETING

**June 20, 2019
Regular Meeting
3:00 P.M.**

MINUTES OF THE REGULAR MEETING OF THE
NEW YORK STATE BRIDGE AUTHORITY

HELD AT HEADQUARTERS, HIGHLAND, N.Y. ON
April 18, 2019

Business agenda documents/reports are mailed to the Board Members and General Counsel one week prior to the meeting. Board meetings are web cast and are available on-line.

IN ATTENDANCE:

BOARD MEMBERS:

Gerentine, Richard A., Chairman
Higgins, Roger P, Vice Chairman
Dressel, Roderick O., Commissioner
Jablonski, Diane, Commissioner
Stanton, J. Henry, Commissioner

OFFICERS:

Sullivan, Tara Secretary
Bushek, Brian, Treasurer
Whitbeck, Carl G., Counsel

Chairman Gerentine called the meeting to order at 3:12 pm. Chairman Gerentine called for a motion to adopt the minutes of the March 21, 2019 Regular meeting. On motion of Vice Chairman Higgins, seconded by Commissioner Jablonski, the minutes of the March 21, 2019 Regular meeting were adopted unanimously.

ADMINISTRATION:1) The Workplace Occupational Health Services - Renewal

Mr. Russo indicated to the Board that last year the Authority awarded contract BA-2018-OA-002-PS for Occupational Health Services to The Workplace at Mid-Hudson Regional Hospital of Westchester Medical Center Health Network, Poughkeepsie, NY. The contract agreement provides for three additional one-year renewals of which the first would be effective May 1, 2019. The services provided are on an as needed basis and invoiced according to the rate schedule that was approved in the original contract. Mr. Russo recommended that the Board renew the agreement effective May 1, 2019 for one year with a not-to-exceed amount of \$45,000. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded by Commissioner Jablonski, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 019-041

Resolution Date: April 18, 2019

WHEREAS, the Authority has determined the need to procure occupational health services for its employees to satisfy physical requirements related to work duties; and

WHEREAS, the Authority previously awarded RFP BA-2018-OA-002-PS for Occupational Health Services; and

WHEREAS, the awarded contract with The Workplace at Mid-Hudson Regional Hospital provides for renewal options for three additional one-year terms; and

WHEREAS the Authority wishes to exercise its option to renew its contract for the one year period beginning May 1, 2019; now therefore

BE IT RESOLVED, the Board of Commissioners of the New York State Bridge Authority renews its contract for Occupational Health Services with The Workplace at Mid-Hudson Regional Hospital at Westchester Medical Center for the one year period beginning May 1, 2019 at an amount estimated not to exceed \$45,000.00 with the option to renew for two additional one year terms; and,

BE IT RESOLVED FURTHER RESOLVED, that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 18th day of April, 2019.

Tara Sullivan, Secretary

2) GTM Payroll Services Agreement

Mr. Russo indicated that the Authority's current agreement with GTM Payroll Services expired on 03/31/2019. The original contract awarded on December 16, 2010 was extended as a single source contract by the Authority on April 1, 2014 for five years. Based on internal discussions and recommendations from staff, it was proposed that the Authority extend its contract with GTM Payroll Services as a single source vendor for a period of five years to be executed as five one year terms, renewable each year. Single source procurements are defined in the State Procurement Guidelines as *"A procurement in which, although two or more offerers can supply the required commodities or services, the commissioner or state agency, upon written findings setting forth the material and substantial reasons therefore, may award the contract to one offerer over the other. The commissioner or state agency shall document in the procurement record the circumstances leading to the selection of the vendor, including the alternatives considered, the rationale for selecting the specific vendor, and the basis upon which it determined the cost was reasonable (State Finance Law §163 (h))."*

Reasons for designating a single source contract to GTM Payroll Services include:

- **No transition** – The potential transition to a new vendor involves a significant and potentially costly effort to create the payroll templates, file interfaces, and business rules governed by the collective bargaining agreement, other statutory rules and customized reports. The initial transition costs were largely absorbed by GTM.
- **Cost** – GTM has held its pricing level and in fact has proposed guaranteed pricing for the next three years that is slightly lower than prior years. They reserve the right to review pricing for the years thereafter. GTM offers a 3 year discount of 15% from its standard pricing. Costs to the Authority have averaged between \$15,000 and \$16,000 annually, with the addition of services and reporting related to the Affordable Care Act.
- **Service** - The Authority's staff has been pleased with the level of service provided and the personalized attention that it receives. GTM is a small company in comparison to the other payroll service providers. Accordingly GTM assigns a specific account representative who is the primary contact each time assistance is required. The account representative is very familiar with the Authority's business rules, employee set-up, overall payroll process and historic issues with the account.
- **Familiarity** – Authority staff have become very familiar with the user interface for processing payroll and the tools associated with it for ad-hoc reporting, employee set-up and maintenance, financial reporting, etc. Transition to another vendor would mean another protracted learning curve.
- **Stability** – As with any contract and transition of this type, there is a period of adjustment, reconciliation, error management and correction before the process is stable. The Authority staff agrees that the current payroll process has matured to that "stable state" and would prefer to continue working with the current process going forward. For these reasons, Mr. Russo recommended the

Authority consider designating a single-source contract to GTM Payroll Services for a five-year period commencing April 1, 2019 with one-year renewable periods for the services and terms as provided in the pricing proposal. Estimated annual costs would not exceed \$16,000. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded by Commissioner Jablonski, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 019-042

Resolution Date: April 18, 2019

WHEREAS, the Board has reviewed the staff memo relative to the need to continue to procure payroll services; and

WHEREAS, the Board has considered and agrees with staff recommendations and justifications to designate a single source contract for a five-year period to its current service provider; and

WHEREAS, the Board has determined it to be in the public interest to procure such services to process its payroll transactions and related services; now

BE IT RESOLVED that a single source contract for payroll services be issued to GTM Payroll Services, Inc. for a five-year period effective April 1, 2019, authorized in one year renewable terms and in accordance with the terms and conditions as presented in the accompanying pricing proposal, with the first year estimated costs not to exceed \$16,000, based on number of active employees processed; and

BE IT FURTHER RESOLVED that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 18th day of April, 2019.

Tara Sullivan, Secretary

ENGINEERING:1) KRB Over the Hudson River Empire Trail Construction Inspection BA-2018-RE-109-SU

Mr. Wright reported to the Board that in January 2018, the Authority publicly advertised and bid System-Wide Construction Inspection Services for the 2018-2019 construction season as BA-2018-RE-XX-SU. Thirty-four (34) firms requested the proposal package and fifteen (15) proposals were received at the time. The Authority recently shortlisted three (3) of those firms to provide cost proposals for construction inspection services on the upcoming construction of the segment of the Empire State Trail that will cross the Kingston-Rhinecliff Bridge, with cost proposals due Friday, April 5th. HVEA Engineers, a certified WBE, of Beacon, New York, was chosen as best qualified having provided a not-to-exceed quote of \$165,000.00. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded by Commissioner Jablonski, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 019-043Resolution Date: April 18, 2019

WHEREAS, the New York State Bridge Authority has determined that it is in the public interest to award a contract for professional construction inspection services in connection with the segment of the "Empire State Trail" to be constructed over the Kingston-Rhinecliff Bridge to be designated as BA-2018-RE-109-SU; and

WHEREAS, the Authority's Engineering department advertised this request in the NYS Contract Reporter as BA-2018-RE-XX-SU and shortlisted three (3) responding consultants, two of which were certified M/WBE firms, to provide a cost proposal to provide these services, with proposals due April 5, 2019; and

WHEREAS, the Authority's Engineering department has reviewed the cost proposals and has determined that HVEA Engineers is best qualified to provide the required professional services; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority hereby approve awarding a professional services agreement to HVEA Engineers, a certified WBE, of Beacon, NY, in substantially the form on file with the Secretary, in an amount not to exceed \$165,000.00; and

BE IT FURTHER RESOLVED that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 18th day of April, 2019.

Tara Sullivan, Secretary

2) First Quarter 2019 Traffic Accident Summary Report

Mr. Wright stated that he and the Manager of Maintenance reviewed all of the accidents in the first quarter to determine if something could be done to possibly prevent similar accidents from happening in the future. All of the accidents were believed to be from driver error: driving too fast for weather conditions, not paying attention and distracted driving. No action was required by the Board.

3) Jobs in Progress

Mr. Wright advised the Board regarding the Engineering Jobs in Progress Report for the month. Mr. Wright mentioned that the west abutment bearing links are completed at the Rip Van Winkle Bridge. Joints at Rip-Van Winkle Bridge will also be rehabilitated during the spring and summer. The Empire State Trail construction is due to begin shortly at the Kingston-Rhinecliff Bridge and will continue through the summer and fall. At the Newburgh-Beacon Bridge, the catwalk lowering project is near completion. The 9W bridge rehab project and Stage III will be complete by the end of April. Mr. Wright also mentioned that at the Newburgh Beacon Bridge, the north span redecking preliminary alternative report is due in mid-May. Chairman Gerentine called for a motion. On a motion of Commissioner Jablonski, seconded by Vice Chairman Higgins, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 019-044

Resolution Date: April 18, 2019

WHEREAS, the Board has reviewed the monthly Engineering Progress Report on Capital Project Status; and

BE IT RESOLVED that the Engineering Progress Report is accepted as an instrument documenting the Board's briefing of Capital Construction activities; and

BE IT FURTHER RESOLVED that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 18th day of April 2019.

Tara Sullivan, Secretary

FINANCIAL:1) Investment Report

Mr. Bushek reviewed the monthly Investment Report noting five investments for the month. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded by Commissioner Jablonski, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 019-045Resolution Date: April 18, 2019

WHEREAS, the investment control procedures for the New York State Bridge Authority provide that the Board shall review and approve the report of investment transactions completed since the meeting of the Board on March 21, 2019; now therefore and,

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority the New York State Bridge Authority does hereby concur with and approve the investment report as filed with this body on this date for the purpose noted; and

BE IT FURTHER RESOLVED, that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 18th day of April, 2019.

Tara Sullivan, Secretary

2) Accident Review Committee Report Q1 – 2019

Mr. Bushek reported that there were 92 accidents on Authority facilities in the first quarter of 2019, compared with 65 the previous year. During this period there were 3 accidents involving Authority personnel, none with injuries. No action was required by the Board.

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No: 018-040

Resolution Date: April 18, 2019

WHEREAS, the Board of Commissioners of the New York State Bridge Authority did authorize that a purchase order be issued to Oracle America, Inc. on May 21, 2018 as part of NY88A's Plaza/Central Services Upgrade/Replacement project (BA-3814-Q0-100-AC) to replace the Oracle Enterprise database and report engine, which had reached the end of its useful life; and

WHEREAS, this database requires annual technical support and the Authority has reviewed a cost proposal from Mytix, Inc. to provide these services for the time period of May 29, 2019 through May 28, 2020; and

WHEREAS, the Authority is utilizing NY2 GGS Contract Number PM0000 and Mytix, Inc. providing a quote in the amount of \$12,780.00; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority that a purchase order be issued to Mytix, Inc. in the not to exceed amount of \$12,780.00; and

BE IT FURTHER RESOLVED, that the Acting Executive Director or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted on this 18th day of April, 2019.

Tara Sullivan, Secretary

BRIDGE OPERATIONS:1) Plaza/Central Service Upgrade/Replacement – BA-2014-OO-106-AC

Mr. Wright presented for Mr. Kelly in his absence that in May 2014 the Board approved a project upgrade for the Authority's Oracle Enterprise Database which had reached the end of its useful life. In order to maintain service and technical support the Authority contacted the Authority's existing vendor Mythics, Inc. whose services are available via a NYS OGS contract. Mythics provided a quote for \$15,760.03, which is identical to what the Authority paid them last year for the same service. Mr. Wright recommended that the Board approve issuing a purchase order to Mythics, Inc. to provide technical support for the Authority's Oracle Enterprise Database. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded by Commissioner Stanton, the following resolution was adopted unanimously. *A special note is added to this agenda item as there was a typographical error in the presented resolution. The official resolution below, reflects the Board's intent to award the new term in accordance with OGS approval.*

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 019-046Resolution Date: April 18, 2019

WHEREAS, the Board of Commissioners of The New York State Bridge Authority did authorize that a purchase order be issued to Oracle America, Inc. on May 21, 2015 as part of NYSBA's Plaza/Central Service Upgrade/Replacement project (BA-2014-OO-106-AC) to replace the Oracle Enterprise database and report engine, which had reached the end of its useful life; and,

WHEREAS, this database requires annual technical support and the Authority has reviewed a cost proposal from Mythics, Inc. to provide these services for the time period of May 29, 2019 through May 28, 2020; and

WHEREAS, the Authority is utilizing NYS OGS Contract Number PM20940 and Mythics, Inc. providing a quote in the amount of \$15,760.03; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority that a purchase order be issued to Mythics, Inc. in the not to exceed amount of \$15,760.03; and; and

BE IT FURTHER RESOLVED, that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 18th day of April, 2019.

Tara Sullivan, Secretary

REPORTS TO BOARD:1) Monthly Activity Report of the Acting Executive Director

The Monthly Activity Report was submitted by Acting Executive Director Tara Sullivan noting no expenditures. No action required by the Board.

2) March 2019 Traffic and Revenue Analysis

Ms. Sullivan noted for the month of March traffic increased 5.49% and revenue increased 2.96%. No action was required by the Board.

3) March 2019 E-ZPass Sales Analysis

Ms. Sullivan indicated that year-to-date 2019 tag sales were 1,806, compared to 2,398 sold year-to-date 2018. No action was required by the Board.

4) Historic Bridges of the Hudson Valley (HBHV) Monthly Report for March 2019

The full monthly and detailed report was submitted to the NYSBA Board of Commissioners and submitted by the Historic Bridges of the Hudson Valley President Tara Sullivan and Director Kathy Burke.

PRESENTATION TO THE BOARD:

1) 3-D Model Presentation

Juan Cardenas, Engineering Intern, presented to the Board and discussed a 3-D model he made of a section of the Bear Mountain Bridge. Juan talked about how he designed the model pieces in CAD and worked with SUNY New Paltz to have the individual pieces printed. He noted that the model will be utilized during class tours at the Bear Mountain Bridge to show the students how the parts of the bridge interact with each other and how loads are transferred through the bridge. No action was required by the Board.

NEW BUSINESS:1) Electric Vehicle Charging Stations Opportunity

Mr. Wright informed the Board that the Authority has been invited by NYSERDA to participate in the Charge to Work NY Program, which provides rebates to employers to install low cost vehicle charging stations at the workplace for the use of employees. The Authority was looking at installing a total of six (6) charging stations – one (1) at each bridge facility and two (2) at Newburgh-Beacon. Electric vehicle workplace charging stations are in line with the Authority's commitment to the Governor's "50 by 30" initiative, which states that 50% of electricity generated by state agencies must come from renewable sources by the year 2030. A cost proposal and draft agreement with ChargePoint, Inc., who administers the program for NYSERDA, has been given to the Board. This will allow NYSERDA to pay a rebate of \$48,000 directly to ChargePoint for the six (6) stations the Authority plans to install. The not-to-exceed cost to the Authority will be a total of \$3,242.00: \$2,192.00 for the stations themselves and \$1,050.00 for shipping and handling. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded by Commissioner Jablonski, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 019-047Resolution Date: April 18, 2019

WHEREAS, the New York State Bridge Authority wishes to comply with the Governor's "50 by 30" green energy initiative and has been invited by NYSERDA to participate in New York State's Charge to Work program; and

WHEREAS, this energy saving measure provides rebates to employers who place low cost electric vehicle charging stations at the workplace for the use of employees; and

WHEREAS, NYSERDA will pay a rebate of \$48,000 directly to ChargePoint, Inc., the program administrator, for the six (6) charging stations to be installed as follows: one (1) at the Rip Van Winkle Bridge, one (1) at the Kingston-Rhinecliff Bridge, one (1) at the Mid-Hudson Bridge, two (2) at the Newburgh-Beacon Bridge and one (1) at the Bear Mountain Bridge; and

WHEREAS, the Authority's Engineering department has reviewed and approved the cost proposal and draft agreement from ChargePoint, Inc., of Campbell, California,; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority hereby approve entering into this rebate agreement with ChargePoint, Inc., of Campbell, California, in substantially the form on file with the Secretary, in an amount not to exceed \$3,242.00; and

BE IT FURTHER RESOLVED that the Acting Executive Director, or her

designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 18th day of April, 2019.

Tara Sullivan, Secretary

2) Execution of Fiber Optic Lease with New York State Office of Information Technology Services

Mr. Scaglione reported to the Board that the Authority has negotiated a new fiber optic lease with the New York State Office of Information Technology Services for 12 excess dark fibers over the Mid-Hudson Bridge. This lease is for a 10-year period and is expected to generate total lease payments over ten years of \$340,351.96. The lease is consistent with the dark fiber leasing program and has been approved by Counsel. Payments to Broadband Consulting totaling \$17,017.60 are the only costs associated with this lease. As part of the approval process for these revenue generating leases, Mr. Scaglione requested the Board of Commissioners authorize the Acting Executive Director to enter into this lease agreement. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded by Commissioner Jablonski, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 019-048
Resolution Date: April 18, 2019

WHEREAS, leasing excess dark fiber optic strands has become a significant source of non-toll revenue for the Authority; and,

WHEREAS, in accordance with the Rules and Regulations of the Authority, the Authority may execute fiber optic leases for up to ten years; and,

WHEREAS, it is in the interest of the Authority to continue to pursue appropriate non-toll revenue consistent with the Authority's mission; and,

NOW THEREFORE, BE IT RESOLVED that, the Board of Commissioners of the New York State Bridge Authority authorizes the Acting Executive Director, with the advice and consent of Authority Counsel, to enter into a revenue generating fiber optic lease agreement with New York State Office of Information Technology Services for a period of ten years; and,

BE IT FURTHER RESOLVED that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 18th day of April, 2019.

Tara Sullivan, Secretary

This concluded the regular meeting. Chairman Gerentine asked for a motion to adjourn the meeting. On a motion of Commissioner Dressel, seconded by Vice Chairman Higgins and approved unanimously, the regular meeting adjourned at 3:50 P.M.

The next Regular and Annual Meeting of the Board of Commissioners meeting is scheduled for May 16, 2019 at 3:00 P.M. at Headquarters.

NYSBA Capital Program Revision

Reconciliation to 2019 Budget and Financial Plan

(thousands)

Project	Description	Year					Total	Reason for Change
		2019	2020	2021	2022	2023		
R0002	RVW Paint		(1,000)		8,000		7,000	The prior capital program had \$1 million for spot painting the towers in 2020 and \$2 million for spot painting the deck trusses in 2022. We combined both paint projects into one to be done in 2022 and increased the budget by \$7 million in order to upgrade from spot painting to full painting.
K0006	Emp St. Trail					10,000	10,000	The current contract installs temporary barrier on the bridge which allows NYSBA to accommodate pedestrian usage. We have allotted \$10 million in 2023 and \$20 million in 2024 to cantilever a sidewalk off the south side of the bridge as a permanent solution for this project.
M0003	MHB Paving		(3,000)	3,000			-	Paving contract is changed from 2020 to 2021 in order to accommodate the MHB Curbing and railing project scheduled for 2020.
M0011	MHB Old Adm HVAC	(500)					(500)	This project is deleted as the need is eliminated due to record storage at old Admin is being reduced.
	MHB Star Loading Dock		750				750	Installing a metal building over the loading dock will make it more functional during snow storms and allow for an enhanced salt and sand loading operation onto the spreader trucks. The unprotected loading docks are not currently functional during storms as trucks get stuck on the snow covered ramps. The building will double as a place to store out of the weather the \$150,000 lift truck and \$45,000 utility truck utilized by the toll techs as well as the \$100,000 tar pots currently kept outside at MHB.
	MHB Bridge Curbing		10,000				10,000	Based on the current condition of the deck from inspection reports, it was determined that the deck replacement could be pushed back from 2028 to 2033 while maintaining the level 5 General Rating of the bridge. The only concern is the condition of the railings and curbs. While they would have required extensive maintenance capital improvement costs to repair increasing numbers of broken railing anchor bolts it was decided that if the deck could be pushed back 5 years then a railing and curb replacement project by a contractor would be necessary.
N0008	NBB Deck Design		(750)			750	-	This moves some anticipated engineering costs from the beginning of the project to the end of the project.
N0012	NBB S Pedestrian		1,250				1,250	Increases the pedestrian sidewalk repairs due to a walkthrough survey
B0003	BMB Safety Cable				(2,000)		(2,000)	This moves the safety cable rehab with the suspender replacement project in 2028. Any localized safety cable work will be performed as needed.
B0006	BMB Paving		3,000				3,000	Based on M&M review of the 20 year Capital Program, they recommended performing an overlay and deck repair contract be performed ahead of the 2026 deck replacement project
SO-0018	AET				5,000		5,000	Additional funds required for AET
W0006	WOTH Steel Rep	220					220	Closeout of the project occurred after 2018
	Totals	(280)	10,250	3,000	11,000	10,750	34,720	



**Bridge
Authority**

**New York State Bridge Authority
Capital Improvement Program
2019 - 2023
(\$ 000,000's)**

**Updated
April 10, 2019**

FACILITY	2018	PROGRAM YEARS					TOTAL
		2019	2020	2021	2022	2023	
Rip Van Winkle Bridge	\$1.760	\$0.775	\$2.000	\$0.000	\$10.000	\$0.000	\$12.775
Kingston-Rhinecliff Bridge	\$0.245	\$1.800	\$5.000	\$0.000	\$6.000	\$10.000	\$22.800
Mid-Hudson Bridge	\$1.875	\$0.550	\$10.750	\$6.000	\$2.000	\$0.000	\$19.300
Newburgh-Beacon Bridge	\$7.900	\$12.100	\$7.000	\$41.500	\$36.500	\$5.750	\$102.850
Bear Mountain Bridge	\$0.575	\$0.025	\$3.000	\$0.000	\$0.500	\$10.000	\$13.525
Walkway over the Hudson	\$3.120	\$1.910	\$0.400	\$0.000	\$0.000	\$0.000	\$2.310
Systemwide (Engineering)	\$2.910	\$3.750	\$4.550	\$3.350	\$3.300	\$3.200	\$18.150
Systemwide (IT Dept.)	\$0.703	\$0.440	\$0.321	\$0.439	\$0.270	\$0.241	\$1.711
Systemwide (Adminstration)	\$0.301	\$0.040	\$0.120	\$0.070	\$0.040	\$0.040	\$0.310
Systemwide (Operations)	\$2.530	\$3.635	\$9.785	\$10.495	\$10.495	\$0.495	\$34.905
Program Total	\$21.919	\$25.025	\$42.926	\$61.854	\$69.105	\$29.726	\$228.636



**New York State Bridge Authority
Capital Improvement Program
2019 - 2023
(\$ 000,000's)**

Engineering

Project I.D.	Project Type	Project Title/Description	Phase	Program Years					TOTAL	Remarks	
				2018	2019	2020	2021	2022			2023
R0001 2009	Facility Rehab	Rip Van Winkle, Electrical Upgrade Complete bridge electrical wiring removal, install new conductor cables, new load centers and transformers.	CONST			1.000			1.000		
			OTHER						0.000		
			TOTAL	0.000	0.000	1.000	0.000	0.000	0.000	1.000	
R0002 2010	Preventive Maintenance	Rip Van Winkle, Maintenance Painting Power tool clean and spot painting of pier steel bents and Deck Truss.	CONST			Deleted 1m		10.000 Increased	10.000	2020 : \$1 mil - Towers 2022; \$2 mil - Deck Truss	
			OTHER						0.000		
			TOTAL	0.000	0.000	0.000	0.000	10.000	0.000	10.000	
R0003 2010 2013	Facility Rehab	Rip Van Winkle, Bridge Railing Replacement and sidewalk replacement Complete bridge railing removal and replacement. Pedestrian walkway railing and roadway railings atop parapet walls, including pedestrian sidewalk replacement. C.O. #2 - parapet wall railing \$728K	CONST	1.250					0.000	Greene County Grant - three (3) sidewalk viewpoints, \$460K grant reimbursement anticipated in 2018	
			OTHER						0.000		
			TOTAL	1.250	0.000	0.000	0.000	0.000	0.000	0.000	
R0006 2013	Facility Rehab	RVW - Approach Paving and NovaChip Mill and Fill approach roadway and NovaChip overlay main bridge.	CONST			1.000			1.000		
			OTHER						0.000		
			TOTAL	0.000	0.000	1.000	0.000	0.000	0.000	1.000	
R0007 2017	Facility Rehab	RVW - Truss Link Rehab Structural Rehabilitation of the west abutment truss links M&M Design	CONST	0.350	0.775				0.775		
			OTHER	0.160						0.000	
			TOTAL	0.510	0.775	0.000	0.000	0.000	0.000	0.775	



**New York State Bridge Authority
Capital Improvement Program
2019 - 2023
(\$ 000,000's)**

Engineering

Project I.D.	Project Type	Project Title/Description	Phase	Program Years					TOTAL	Remarks	
				2018	2019	2020	2021	2022			2023
M0002 2010	Preventive Maintenance	Mid-Hudson, Maintenance Painting Power tool clean and spot paint stiffening truss & towers	CONST					2.000	2.000	Postpone contract painting from 2020 to 2022.	
			OTHER					0.000	0.000		
			TOTAL	0.000	0.000	0.000	0.000	2.000	0.000		2.000
M0003 2010 & 2011	Facility Rehab	Mid-Hudson, Approach and Bridge Paving Mill and fill main span overlay with asphalt waterproofing membrane. Replace asphaltic plug joints. Pavement Joint repairs, drainage upgrade and cleaning, milling and re-pave, and striping. Replace Approach median barrier.	CONST				3.000		3.000	Deferred to 2021	
			OTHER					0.000	0.000		
			TOTAL	0.000	0.000	0.000	3.000	0.000	0.000		3.000
M0005 2010	Facility Rehab	Mid-Hudson, East Approach Viaduct Spans Lead abatement of approach spans including arch truss over the Metro-North rail line.	CONST				3.000		3.000	Postponed from 2018 to 2021, \$3 mil Paint System remains in good condition.	
			OTHER					0.000	0.000		
			TOTAL	0.000	0.000	0.000	3.000	0.000	0.000		3.000
M0006 2009	Investigation	Mid-Hudson, Main Cable Inspection 1) Inspection of the Main Cable last performed 2009. Opening Main Cable for Investigation and Sampling. Investigation testing / analysis report.	CONST	1.800					0.000	Next scheduled Investigation 2027, 10yrs.	
			OTHER	0.075	0.050				0.050		0.050
			TOTAL	1.875	0.050	0.000	0.000	0.000	0.000		0.050
M0010 2016	Facility Improvement	Mid-Hudson, East Anchorage Rehab East Anchorage Rehabilitation	CONST		0.500				0.500	Deferred from 2018 to 2019	
			OTHER						0.000		0.000
			TOTAL	0.000	0.500	0.000	0.000	0.000	0.000		0.500



**New York State Bridge Authority
Capital Improvement Program**

**2019 - 2023
(\$ 000,000's)**

Engineering

Project I.D.	Project Type	Project Title/Description	Phase	Program Years					TOTAL	Remarks	
				2018	2019	2020	2021	2022			2023
N0005 2007	Facility Improvement	Newburgh-Beacon, Approach Interchange I-84 / Rte. 9W Overpass: Rehabilitation project: Deck Replacement and raising the floor system for vertical clearance and west approach reconstruction. 2018 - Rte 9W Design 2018 - 2019: Construction & Construction Inspection	CONST	5.800	8.850				8.850	1) \$2 mil west approach reconstruction and new truck median barrier has been included in the 9W / I-84 rehabilitation project, 2018 - 2019	
			ENGR	0.450	0.400				0.400		
			TOTAL	0.450	9.250	0.000	0.000	0.000	0.000		9.250
N0008 2014	Facility Rehab	NBB - North Span Deck Replacement Replace deck, replace parapet wall, place polymer waterproofing overlay and install new LUS / gantries.	CONST			5.000	40.000	35.000	5.000	Award NBB Deck - Fall/Winter 2020 -\$90mil deck replacement 2020, 2021, 2022 and 2023 project closeout/retainage. -Design Deck Replacement 2019 - 2020 -Construction Award Fall 2020; start East & West approach crossover.	
			OTHER		0.500	0.750	1.500	1.500	0.750		5.000
			TOTAL	0.000	0.500	5.750	41.500	36.500	5.750		90.000
N0009 2015	Extra Maintenance	NBB - North Span Steel and Deck Repairs 2016 - Deck shoring & deck repairs Pier 1 to Pier 15 2016 - Gusset plate repairs, main Span Pier 4 to Pier 7	CONST	1.350							
			OTHER	0.650							0.000
			TOTAL	2.000	0.000	0.000	0.000	0.000	0.000		0.000
N0010 2016	Extra Maintenance	NBB - North Span Catwalk & Cable Tray Upgrade Lower & Upgrade Catwalk to OSHA Compliance and Upgrade Utility Cable Tray system.	CONST	5.180	0.320						
			OTHER	0.270	0.030						0.030
			TOTAL	5.450	0.350	0.000	0.000	0.000	0.000		0.350
N0012 2016	Extra Maintenance	NBB - South Span Pedestrian Walkway Repairs Remove and replace sidewalk stringers and plates Repairs more than originally anticipated; therefore 2nd yr.	CONST		1.750	1.000					
			OTHER		0.250	0.250					0.500
			TOTAL	0.000	2.000	1.250	0.000	0.000	0.000		3.250



**New York State Bridge Authority
Capital Improvement Program
2019 - 2023
(\$ 000,000's)**

Engineering

Project I.D.	Project Type	Project Title/Description	Phase	Program Years					TOTAL	Remarks		
				2018	2019	2020	2021	2022			2023	
S0001	Investigation	BA2017-RE-103: General Consultant and Inspections Annual detailed inspection of each bridge facility with hands on inspection of all fracture critical members. Odd year biennial inspection: KRB & NBB (N&S spans) Even year biennial inspection: RVWB, MHB & BMB	INSP	0.550	0.600	0.650	0.700	0.750	0.800	3.500	NYSBA - Biennial Inspection support, Authority personnel and equipment, UB 60 & 30.	
			NYSBA		0.090	0.090	0.090	0.090	0.090	0.450	Biennial Consultants: Modjeski & Masters, Inc. HAKS Engineering WSP Engineering	
			TOTAL	0.550	0.690	0.740	0.790	0.840	0.890	3.950		
S0002	Investigation	Periodic Underwater Bridge Inspections Diver hands-on inspection and video tape inspections of all Authority in-water piers below the water surface. Work include observation and recommendation by professional engineers, 5 yr. cycle.	INSP					0.150		0.150		
			OTHER							0.000		
			TOTAL	0.000	0.000	0.000	0.000	0.150	0.000	0.150		
S0003	Extra Maintenance	BA20XX-RE-10X: In-House Capital Projects In-House construction activities	CONST	1.000	1.000	1.000	1.000	1.000	1.000	5.000		
			ENGR	0.310	0.310	0.310	0.310	0.310	0.310	1.550		
			TOTAL	1.310	1.310	1.310	1.310	1.310	1.310	6.550		
S0004	Extra Maintenance	BA2016-RE-101: Capital Maintenance Projects Standby readiness contract for urgent bridge and highway repairs.	CONST	0.400	0.500	0.500	0.500	0.500	0.500	2.500		
			OTHER								0.000	
			TOTAL	0.400	0.500	0.500	0.500	0.500	0.500	2.500		
S0005	Preventive Maintenance	Systemwide, River Pier Base Repairs Masonry pier pointing, concrete repairs and rip-rap placement as recommended from underwater and visual inspections.	CONST		0.750					0.750	NBB \$0.500 KRB \$0.250	
			OTHER							0.000		
			TOTAL	0.000	0.750	0.000	0.000	0.000	0.000	0.750		



**New York State Bridge Authority
Capital Improvement Program
2019 - 2023
(\$ 000,000's)**

Engineering

April 10, 2019
Page 9 - SYS

Project I.D.	Project Type	Project Title/Description	Phase	Program Years					TOTAL	Remarks	
				2018	2019	2020	2021	2022			2023
S0006 2008	Preventive Maintenance	Systemwide, Substructure Repairs (Land Piers) Partial depth concrete repairs and sealing	CONST			0.500				0.500	Deferred from 2019 - 2020 BMB \$0.200 MHB \$0.100 KRB \$0.200
			OTHER							0.000	
			TOTAL	0.000	0.000	0.500	0.000	0.000	0.000	0.500	
S0007	Equipment	Systemwide, Equipment Purchases Acquisition of major extraordinary vehicles and equipment necessary to operate and maintain the bridge system.	CONST							0.000	2021 - Re-build 2009 UB, 12 cycle.
			OTHER	0.500	0.500	0.500	0.750	0.500	0.500	2.750	
			TOTAL	0.500	0.500	0.500	0.750	0.500	0.500	2.750	
S0008 2013	Preventive Maintenance	Systemwide Steel Repairs	TOTAL			1.000				1.000	RWW, KRB and BMB: Deferred from 2019 to 2020
S0010 2016	Preventive Maintenance	Systemwide, Fuel Tank Replacement	TOTAL	0.150						0.000	

NEW YORK STATE BRIDGE AUTHORITY
2018 - 2023
Capital Improvement Program
(\$ 000,000's)



**New York State Bridge Authority
Capital Improvement Program
2019 - 2023
(\$ 000,000's)**

Operations

Project I.D.	Project Type	Project Title/Description	Budget	Program Years					TOTAL	Remarks	
				2018	2019	2020	2021	2022			2023
SO-0001	OPS	E-Z PASS - Cashless Tolling Study	Budget		0.250	0.250				0.500	Conduct Study 2019-2020
SO-0003	OPS	All Electronic Tolling (AET), Plaza Removal	Budget			7.000	5.000			17.000	
SO-0004	OPS	Toll System Upgrade / Toll Gates / Lane Monitors / Antenna replacement and Security Gates	Budget	0.100	0.100	0.100	0.100	0.100	0.100	0.500	Replace Toll Gates & Monitors Security Gates
SO-0006	IT/OPS	Mid-Hudson - Command Center, ITS Equip.	Budget		0.725	0.000	0.000	0.000	0.000	0.725	2018: \$225K Video wall upgrade 2019: \$500K Video System Intergration \$200K/yr ITS Equip. repair/replacement upgrades
SO-0007	OPS	Lane Use Signals, Replacement	Budget	0.025	0.025	0.025	0.025	0.025	0.025	0.125	
SO-0008	OPS	Plaza & Central Server Upgrades	Budget	0.015	0.015	0.015	0.015	0.015	0.015	0.075	
SO-0011	OPS	UPS (Un-interruptible Power System)	Budget	0.010	0.010	0.100	0.010	0.010	0.010	0.140	
SO-0012	OPS	Suicide Call Boxes - Upgrade / Replacement	Budget	0.225	0.005	0.005	0.005	0.005	0.005	0.025	Upgrade Suicide Callbox 2018 - 2019
SO-0018	OPS	Toll System Replacement	Budget				5.000	5.000		10.000	
SO-0030	OPS	Security Camera Replacement / Upgrade	Budget	1.500	1.100					1.100	Kapsch/Citilog 2019 - Sidewalk Motion Detection
SO-0031	OPS	Security Enhancement/Hardening - Perimeter Fencing	Budget	0.270						0.000	
SO-0033	OPS	Systemwide - E.J Ward (Fuel Dispensing Upgrade)	Budget	0.015	0.015	0.015	0.015	0.015	0.015	0.075	
SO-0034	OPS	Systemwide Cameras Replacements	Budget	0.200	0.200	0.200	0.200	0.200	0.200	1.000	
SO-0035	OPS	ITS Consultant - Kapsch, Inc	Budget	0.125	0.125	0.125	0.125	0.125	0.125	0.625	
SO-0036	OPS	National Interoperability (NICOP) Protocol New tolling protocol will facilitate seamless travel across North America's tolling facility via multi-protocol reader.	Budget			0.500				0.500	
SO-0037	OPS	NBB (N&S) - Fiber Optic Replacement North America's tolling facility via multi-protocol reader.	Budget	0.000	1.000					1.000	Kapsch - North Span 2017-2018
SO-0038	OPS	VMS Upgrade - Systemwide	Budget	0.015	0.015	1.000				1.015	Dynac
SO-0039	OPS	R.V.W Bridge - Fiber Relocation	Budget	0.030						0.000	Added 4-4-18
SO-0040	OPS	Systemwide - LPR	Budget		0.050	0.450				0.500	2019 - Replace and upgrade servers. Add additional server for redundancy. 2020 - Replace LPR Cameras and add capabilities

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: _____

Resolution Date: _____

WHEREAS, the Board of Commissioners of the New York State Bridge Authority has reviewed the revised 2019-2023 Capital Program for scope and cost; and

WHEREAS, the Authority's Directors and Executive Office have performed a six month review and several projects have been prioritized; now therefore

BE IT RESOLVED that the updated 2019-2023 Capital Program in the amount of \$228,636,000.00 be approved; and

BE IT FURTHER RESOLVED that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 16th day of May 2019.

Tara Sullivan, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: _____

Resolution Date: _____

WHEREAS, the New York State Bridge Authority awarded four (4) three year term agreements for emergency spill response and environmental clean-up services designated as BA-2019-OE-112-OT on March 21, 2019; and

WHEREAS, Tradebe Environmental Services was one of the firms chosen to be awarded a professional services agreement; and

WHEREAS, General Counsel reviewed and approved the original professional services agreement and Tradebe has now requested several revisions to their contract; and

WHEREAS, General Counsel has reviewed the requested changes and can accept them; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority authorize General Counsel to make the appropriate changes to the original professional services agreement with Tradebe Environmental Services of Merrillville, IN; and

BE IT FURTHER RESOLVED that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 16th day of May 2019.

Tara Sullivan, Secretary



**Bridge
Authority**

"ENGINEERING JOBS IN PROGRESS"
COST SUMMARY
April 30, 2019

Prepared
May 3, 2019

<u>BRIDGE FACILITY</u>	<u>SUMMARY</u>				Remarks (Added or Removed)
	Original Award (\$)	Revised Contract (\$)	Revised Prior Month (\$)	Contract Balance (\$)	
RIP VAN WINKLE BRIDGE	\$ 1,467,269	\$ 1,478,284	\$ 1,478,284	\$ 595,805	
KINGSTON-RHINECLIFF BRIDGE	\$ 2,292,211	\$ 2,221,250	\$ 2,221,250	\$ 2,291,023	
WALKWAY OVER THE HUDSON	\$ 39,010	\$ 46,306	\$ 46,306	\$ 39,010	
MID-HUDSON BRIDGE	\$ 620,851	\$ 597,143	\$ 597,143	\$ 562,536	
NEWBURGH-BEACON BRIDGES	\$ 24,556,954	\$ 25,653,526	\$ 25,653,526	\$ 8,816,382	
BEAR MOUNTAIN BRIDGE	\$ 538,184	\$ 538,184	\$ 538,184	\$ 426,753	
MULTI-FACILITY PROJECTS	\$ 492,250	\$ 1,692,250	\$ 1,692,250	\$ 467,272	
TOTALS	\$ 30,006,730	\$ 32,226,944	\$ 32,226,944	\$ 13,198,781	

Rip Van Winkle Bridge

Engineering "Jobs In Progress" for April 30, 2019

BA2018-RE-101
Rip Van Winkle Bridge
West Abutment Truss Link Rehab and Steel Repairs

Project No.	Vendor	Award and/or Increase	Sch. Comp	Comp.	Original Award	Board Approved Increase	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2018-101-DE	Modjeski and Masters, Inc. (Designer) / (Design Support)	3/18	8/19		\$159,240		\$159,242	\$159,242	\$0		
2018-101-CM	Piasecki Steel Construction (Contractor)	8/18	8/19		\$1,136,000		\$1,136,000	\$706,057	\$429,943	65%	68%
	NYSBA (In-House Construction Supervision)										

Description of Work:

The work for this project consists of the rehabilitation of the existing west abutment truss bearing link, replacement of the pins and bushings, replacement of the west abutment roadway deck joint and miscellaneous steel repairs.

Comments:

Contractor completed truss link pin replacement. The final phase of the project is to replace the west abutment roadway joint system. This work requires removal of the joint in three (3) separate Stages. The contractor has started working on the northern section of the joint.

Kingston-Rhinecliff Bridge

DATE	DESCRIPTION	AMOUNT	CHECK NO.	ACCOUNT	INITIALS	REMARKS
10/1/19
10/2/19
10/3/19
10/4/19
10/5/19
10/6/19
10/7/19
10/8/19
10/9/19
10/10/19
10/11/19
10/12/19
10/13/19
10/14/19
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10/16/19
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10/21/19
10/22/19
10/23/19
10/24/19
10/25/19
10/26/19
10/27/19
10/28/19
10/29/19
10/30/19
10/31/19
TOTAL						

STANDARD
 BRIDGE-TRAVELER'S GUIDE
 INFORMATIONAL AIDS TO BRIDGE

Engineering "Jobs In Progress" for April 30, 2019

BA2018-RE-109
Kingston-Rhinecliff Bridge
Empire State Trail

Project No.	Vendor	Award	Start	Sch. Comp.	Comp.	Original Award	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2018-109-CM	Rifenburg Construction (Contractor)	03/19	04/19	11/19		\$2,040,595	\$2,040,595	\$0	\$2,040,595	0%	0%
2018-109-DE	Modjeski & Masters, Inc. (General Consultant)					\$200,000		\$185,725	\$14,275	100%	100%
2018-109-SU	HVEA (Hudson Valley Eng.) (Construction Supervision)										

Description of Work:

The work for this project consists of the construction of a pedestrian pathway from Rte. 32, Ulster County, across the Kingston-Rhinecliff Bridge and ending at Rte. 199/River Road intersection in Dutchess County. The approach pathway will be an asphalt walking surface. The pathway will require in the installation of 7800lf of new precast barrier with guiderail reinforcement. A MOU with the Greenway Conservancy for the Hudson River Valley, Inc. will provide \$1.5 million to the Authority towards the construction of this portion of the Empire State Trail.

Comments:

Contracts have been executed and a preconstruction was held. Due to the lead time for fabrication and delivery of 8000 lf of precast barrier; contract field activities is not scheduled to begin until early July. The Contractor's schedule is to complete the trail on the approaches by mid-August and complete installation of the precast barrier on the bridge by the end of September.

Walkway over the Hudson

Mid-Hudson Bridge

Newburgh-Beacon Bridge

**"ENGINEERING JOBS IN PROGRESS"
NEWBURGH-BEACON BRIDGES
SUMMARY**

PROJECT BA #	CONSULTANT/ CONTRACTOR	PROJECT DESCRIPTION	AWARD DATE	CAPITAL IMPROV. APPROVAL DATE	ORIGINAL AWARD OR BUDGET \$	REVISED CONTRACT \$	CONTRACT BALANCE	COMMENTS
19-RE-104-CM.31	In-House	West Abutment Access Improvements		Jan-19	\$ 20,529	\$ 20,529	\$ 11,686	
19-RE-104-CM.32	In-House	Roadway Sign Improvements		Jan-19	\$ 8,515	\$ 8,515	\$ 8,515	
19-RE-104-CM.33	In-House	Biennial Bridge Insp. Support - 2019 & 2021		Jan-19	\$ -	\$ -	\$ (14,043)	
19-RE-104-CM.34	In-House	Not Assigned		Jan-19	\$ -	\$ -	\$ -	
19-RE-104-CM.35	In-House	North Span Overlay Repairs		Jan-19	\$ 27,240	\$ 27,240	\$ 265	
19-RE-104-CM.36	In-House	Bridge Painting Upgrades		Jan-19	\$ 53,463	\$ 53,463	\$ 53,463	
19-RE-104-CM.37	In-House	Bridge Safety Upgrades		Jan-19	\$ 34,800	\$ 34,800	\$ 3,683	
19-RE-104-CM.38	In-House	Salt Shed Renovations		Jan-19	\$ 27,078	\$ 27,078	\$ 26,339	
19-RE-104-CM.39	In-House	Water System		Jan-19	\$ 12,160	\$ 12,160	\$ 11,642	
19-RE-104-CM.40	In-House	Maint. Bldg./L. Star Bldg./Ranch House Rehab.		Jan-19	\$ 41,509	\$ 41,509	\$ 31,744	
16-RE-102-DE	Modjeski & Masters, Inc.	Energy Saving Upgrades		Jan-19	\$ 8,132	\$ 8,132	\$ 8,132	
16-RE-102-DS	Modjeski & Masters, Inc.	Route 9W overpass deck replacement, design	Nov-15		\$ 382,330	\$ 750,378	\$ -	
16-RE-102-CM	Servidone/B. Anthony	Route 9W overpass deck replacement, support	Nov-15		\$ 223,449	\$ 223,449	\$ 53,259	
16-RE-102-SU	KS Engineers	Route 9W overpass deck - Construction	Feb-18		\$ 14,652,660	\$ 14,652,660	\$ 7,205,334	
16-RE-103-SU	HDR, Inc.	Route 9W overpass deck - Inspection	Dec-17		\$ 626,425	\$ 626,425	\$ 281,315	
18-RE-110-DE	GPI, Inc	Deck Shoring & Steel Repairs, Const. Insp.	Jul-16		\$ 718,965	\$ 1,353,289	\$ -	Completed to be removed
16-RE-109-DE	GPI, Inc	NBB North Span Deck Replacement, Design	Oct-18		\$ 1,222,700	\$ 1,222,700	\$ 1,115,635	
16-RE-109-CM	HVB, Inc.	Maintenance Walkway Lowering, Design	Nov-16		\$ 150,000	\$ 244,200	\$ 19,413	
		Maintenance Walkway Lowering, Const.	Jun-17		\$ 6,347,000	\$ 6,347,000	\$ -	Completed to be removed
TOTALS					\$ 24,556,954	\$ 25,653,526	\$ 8,816,382	

Engineering "Jobs In Progress" for April 30, 2019

BA2016-RE-102
Newburgh-Beacon Bridge
Rte. 9W / I-84 Overpass Re-Decking, Raising & Approach Re-construction

Project No.	Vendor	Award	Start	Sch. Comp.	Comp.	Original Award	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2016-102-DE/DS	Modjeski & Masters, Inc. (Design / Design Support)	11/15 7/17 2/18	11/15	12/19		\$382,330 \$368,048 \$223,449	\$973,827	\$920,567	\$53,259		
2016-102-CM	A. Servidone / B. Anthony Construction, JV (Contractor)	1/18	3/18	12/19		\$14,652,660	\$14,652,660	\$7,447,325	\$7,205,334	54%	68%
2016-102-SU	KS Engineers (Construction Supervision)	12/17	3/18	12/19		\$626,425	\$626,425	\$345,110	\$281,315		

Description of Work:

The work for this project consists of the replacement of the existing overpass bridge deck and raising the profile for additional vertical clearance for Rte. 9W. Additional Safety improvements have been included in the project to reconstruct the west approach roadway between the 9W Bridge and the west abutment for the Newburgh-Beacon Bridge. Included in this reconstruction will be installation of new taller concrete median barriers. Construction activities shall be performed over two (2) construction seasons, 2018 & 2019.

Comments:

Stage II reconstruction has been completed. Contractor has moved into Stage III with deck demolition, girder and bearing removal operations. Substructure reconstruction will follow deck removal operations.

Engineering "Jobs In Progress" for April 30, 2019

BA2016-RE-109
Newburgh-Beacon Bridge
Maintenance Walkway Lowering and Electrical Upgrade

Project No.	Vendor	Award	Start	Sch. Comp.	Comp.	Original Award	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2016-109-DE	GPI, Inc. (Design / Design Support)	11/16 04/17	12/16 Inc.	12/18		\$149,700 \$94,500	\$244,200	\$224,787	\$19,413		
2016-109-CM	HVB, Inc. (Contractor)	06/17	06/17	12/18 3/19		\$6,347,000		\$6,347,000	\$0	100%	100%
2016-103-SU	HDR, Inc. (Construction Supervision)	7/16 12/18	8/16	12/18		\$718,965 \$584,250	\$1,353,288	\$1,307,099	\$46,189		

Description of Work:

The work for this project consists of the lowering of the deck truss catwalk, installing mid-rails and kick-plates for OSHA compliance. A new catwalk system will be added for the main span as the existing system is not OSHA compliant and access is through the floor-beams. Additional safety access ladder will be installed along the south side of the bridge. The existing electrical system presently attached to the existing catwalk will be replaced. Contract has been extended to April 30, 2019.

Comments:

The project has been completed and project closeout records are being compiled.

- The construction assignment is being closed-out within budget.
- There were no liability claims filed during the course of the construction work.

Bear Mountain Bridge

"ENGINEERING JOBS IN PROGRESS"

BEAR MOUNTAIN BRIDGE

SUMMARY

PROJECT BA #	CONSULTANT/ CONTRACTOR	PROJECT DESCRIPTION	AWARD DATE	CAPITAL IMPROV. APPROVAL DATE	ORIGINAL AWARD OR BUDGET \$	REVISED CONTRACT \$	CONTRACT BALANCE	COMMENTS
19-RE-104-CM.42	In-House	Bridge Flag Hoisting Apparatus		Jan-19	\$ 5,850	\$ 5,850	\$ 8,850	
19-RE-104-CM.43	In-House	Bridge Structural Steel Repairs		Jan-19	\$ 10,240	\$ 10,240	\$ 10,240	
19-RE-104-CM.44	In-House	Biennial Bridge Insp. Support: 2018, 2020 & 2022		Jan-19	\$ 19,804	\$ 19,804	\$ -	
19-RE-104-CM.45	In-House	Bridge Painting Upgrades		Jan-19	\$ 60,662	\$ 60,662	\$ 60,662	
19-RE-104-CM.46	In-House	Bridge Safety Upgrades		Jan-19	\$ 5,768	\$ 5,768	\$ 5,768	
19-RE-104-CM.47	In-House	Not Assigned		Jan-19	\$ -	\$ -	\$ 27,500	
19-RE-104-CM.48	In-House	Joint and Wearing Surface Repairs		Jan-19	\$ 10,418	\$ 10,418	\$ 3,322	
19-RE-104-CM.49	In-House	Energy Saving Upgrades		Jan-19	\$ 8,432	\$ 8,432	\$ 5,261	
16-RE-101-DE.1	Modjeski & Masters	Main Cable Evaluation, Design	Nov-15		\$ 174,100	\$ 174,100	\$ 62,239	
16-RE-101-DE.1	Modjeski & Masters	Main Cable Evaluation, Testing	Nov-18		\$ 242,910	\$ 242,910	\$ 242,910	
TOTALS					\$ 538,184	\$ 538,184	\$ 426,753	

Multi-Facility

Engineering "Jobs In Progress" for April 30, 2019

BA2016-RE-101
System-wide
Bridge and Highway Repairs (Standby Readiness)

Project No.	Vendor	Award and/or Increase	Sch. Comp.	Comp.	Original Award	Board Approved Increase	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2016-101-CM	Hudson Valley Bridge (HVB) (Contractor)	12/15 5/17 2/18 8/18 11/18	12/18		\$492,250	\$250,000 \$250,000 \$200,000 \$500,000	\$1,692,250	\$1,224,978	\$467,272	72%	83%
2016-101-DE	NYSBA – In House (Designer)										

Description of Work:

The work for this project consists of various steel and/or highway repairs deemed as urgent needs for the Authority. The Contractor will be on-call 24-7 for this assignment.

Comments:

HVB, Inc. was called in to work on NBB north span deck shoring. Shoring and deck repairs for the north span with continue into June

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: _____
Resolution Date: _____

WHEREAS, the Board has reviewed the monthly Engineering Progress Report on Capital Project Status; and

BE IT RESOLVED that the Engineering Progress Report is accepted as an instrument documenting the Board's briefing of Capital Construction activities; and

BE IT FURTHER RESOLVED that the Acting Executive Director, or his designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 16th day of May 2019.

Tara Sullivan, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: May 16, 2019

WHEREAS, the investment control procedures for the New York State Bridge Authority provide that the Board shall review and approve the report of investment transactions completed since the meeting of the Board on April 18, 2019; now therefore and,

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority the New York State Bridge Authority does hereby concur with and approve the investment report as filed with this body on this date for the purpose noted; and

BE IT FURTHER RESOLVED, that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 16th day of May, 2019.

Tara Sullivan, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: May 16, 2019

WHEREAS, the Board has reviewed the report relative to the 2019 Engagement under contract BA-2016-OA-001PS for Independent Accountant services; now therefore and,

BE IT RESOLVED, the New York State Bridge Authority does hereby approve the 2019 Engagement Letters on contract BA-2016-OA-001 PS for Independent Accountant Services for the annual fee of \$16,900 to EFPR Group; and

BE IT FURTHER RESOLVED, that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 16th day of May, 2019.

Tara Sullivan, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: May 16, 2019

WHEREAS, the Board has reviewed the report relative to the 2019 Internal Controls Systems Audit Plan and engagement letter; now therefore,

BE IT RESOLVED, the New York State Bridge Authority does hereby approve the 2019 Audit Plan and engagement under the contract BA-2016-OA-002PS originally awarded in June 2016 to Tronconi, Segarra & Associates at a not to exceed cost of \$20,000 for the year ending December 31, 2019; and therefore

BE IT FURTHER RESOLVED, that the Acting Executive Director, or her designee, is hereby authorized and directed to take the necessary measures to implement this resolution.

IN WITNESS WHEREOF, this resolution has been duly adopted this 16th day of May, 2019.

Tara Sullivan, Secretary