



**BOARD MEETING AGENDA**  
**THURSDAY, MAY 18, 2017 - 3:00 P.M.**

- I. **ADOPT THE AMENDED REGULAR BOARD MEETING MINUTES OF MARCH 16, 2017**
- II. **ADOPT THE REGULAR BOARD MEETING MINUTES OF APRIL 20, 2017**
- III. **BUSINESS ITEMS:**
  - a. Administration & Human Resources:

None
  - b. Engineering and Maintenance:
    - a. 2017 Jeep Cherokee
    - b. 2017 Chevrolet Extended Cab with Utility Body
    - c. Precast Concrete Structure at NBB-BA-2017-RE-112-AC
    - d. Hudson Valley Bridge – Standby Readiness Increase – BA-016-RE-101-CM
    - e. NBB South Span Maintenance Painting Construction Inspection – BA-2017-RE-106-SU
    - f. MHB and BMB Bridges Main Cable Investigation – BA-2017-RE-101-CM
    - g. Jobs in Progress Monthly Report
  - c. Financial:
    - a. Investment Report
    - b. Audit of Year End 2017 Financial Statements
    - c. 2017 Internal Control Systems Auditor – Internal Audit Plan and Engagement Letter
    - d. Q1 2017 – Quarterly Operations Report
  - d. Information Technology:
    - a. NYCOMCO - Mid-Hudson Bridge Repeater

e. Bridge Operations:

a. NYS Thruway Authority – 1<sup>st</sup> Quarter 2017 E-ZPass Expenses

**I. REPORTS TO BOARD:**

- a. Executive Director's Monthly Activity Report
- b. April 2017 Traffic and Revenue Analysis
- c. April 2017 E-ZPass Sales Analysis
- d. Historic Bridges of the Hudson Valley Status Report

**II. PRESENTATION TO BOARD:**

**III. OLD BUSINESS:**

**IV. NEW BUSINESS:**

**V. ATTORNEY CLIENT PRIVILEGE:**

**VI. ADJOURNMENT:**

**NEXT MEETING**

**June 15, 2017  
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 20, 2017

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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:

Ruggiero, Joseph, Secretary  
Bushek, Brian, Treasurer  
Whitbeck, Carl G., Counsel

Chairman Gerentine called the meeting to order at 3:03 pm. Chairman Gerentine called for a motion to adopt the minutes of the March 16, 2017 Regular meeting. On a motion of Vice Chairman Higgins, seconded by Commissioner Dressel, the minutes of the March 16, 2017 Regular meeting were adopted unanimously.

## ENGINEERING:

1) KRB Solar Project – BA-2017-RE-105-SU

Mr. Wright recommended to the Board issuing a Supplemental Agreement to EarthKind Energy, the Authority's system-wide Green Energy Consultant, to perform construction oversight for the installation of a solar energy system at the Kingston-Rhinecliff Bridge. Mr. Wright explained their proposed construction oversight task list with hours and projected costs totaling \$24,600. In addition, Mr. Wright recommended that the Board approve to pay up to \$2,500 to Central Hudson for a capacity study in order to move the solar project forward. The Authority has been actively looking into ways to meet the Governor's initiative to have agencies utilize sustainable energy for 50% of their energy consumption by 2030. One firm responded to the RFP. EarthKind assisted us in reaching an agreement with Active Solar Development, LLC, to install an approximately 600,000 KWh solar array at the KRB with the Authority having to spend an estimated \$117,000 for the interconnection fee, which includes the cost of the capacity study, payable to Central Hudson. Active Solar Development will install the system and charge NYSBA \$0.10/Kwh (the Authority's current average Central Hudson cost) with no escalation for 20 years. The schedule for this solar project is: 03/22/17 - an interconnection application was filed with Central Hudson along with the \$750 fee. The \$750 filing fee is the 1<sup>st</sup> step to ensure grandfathering into the current PSC/NYSERDA incentives. The other steps need to be completed (within the proscribed 90 days from the March 9<sup>th</sup> PSC order). Week of 4/17 - Central Hudson is expected to decide the fee for a capacity study which is expected to be \$2,500. 4/10 - 6/15, Central Hudson to approve/disapprove the interconnection application. Total fee is estimated to be \$117,000 which includes the application and capacity study costs. 05/18/17 Execute Power Purchase Agreement (PPA) with Active Solar Development 7/01 - 10/31, Installation of the solar energy system including NYSEDA permits, 10/31/17, System Commissioned. It is noted that the Bridge Authority, at this time, will only be authorizing EarthKind to proceed with Task 5, "Reviewing the Power Purchase agreement", with a \$4,800 projected cost. Tasks 6 - 9 will only be authorized if Central Hudson approves the interconnection. Should Central Hudson not approve the interconnection, NYSBA will be liable for the \$750 application fee and the study fee of \$2,500. Mr. Wright recommended an approval by the Board for a Supplemental Agreement to EarthKind Energy for a projected cost of \$24,600 along with approval to pay Central Hudson up to \$2,500 for the required capacity study. Chairman Gerentine called for a motion to jointly adopt the resolutions. On a motion of Vice Chairman Higgins, seconded by Commissioner Jablonski, the following resolutions were adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY  
BOARD RESOLUTION

Resolution No.: 017-033

Resolution Date: April 20, 2017

WHEREAS, the Authority has determined it is in the public interest to perform construction oversight for the installation of the new solar energy system at the Kingston-Rhinecliff Bridge; and

WHEREAS, the Authority has already awarded a publicly bid professional services contract to EarthKind Energy to serve as NYSBA'S Green Energy Consultant on August 18th, 2015; and

WHEREAS, the Authority's Engineering department has reviewed and approved EarthKind's estimated cost proposal; now therefore

BE IT RESOLVED that a Supplemental Agreement be issued to EarthKind Energy to perform construction supervision in an amount not-to-exceed \$24,600.00; and

BE IT FURTHER RESOLVED that the 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 20th day of April 2017.

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Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY  
BOARD RESOLUTION

Resolution No.: 017-034

Resolution Date: April 20, 2017

WHEREAS, per the Governor's initiative that state agencies utilize sustainable energy for 50% of their energy consumption by the year 2030, the Authority has determined it is in the public interest to install a new solar energy system at the Kingston-Rhinecliff Bridge; and

WHEREAS, in order to construct this new system, Central Hudson Gas & Electric Corp. must complete a capacity study prior to any approval of the interconnection fee; now therefore

BE IT RESOLVED that the Board of Commissioners authorize that a purchase order be issued to Central Hudson Gas & Electric Corp., of Poughkeepsie, New York in an amount not-to-exceed \$2,500.00; and

BE IT FURTHER RESOLVED that the 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 20th day of April 2017.

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Joseph Ruggiero, Secretary

2) Oracle Database Support Fee –BA-2014-OO-106-AC

Mr. Wright indicated to the Board that in May 2015, the Authority replaced the original Oracle package the Authority had purchased in 1999, which had reached the end of its useful life. At the time, the proposal reflected a one-time licensing fee of \$62,695.32 with an annual support fee each year thereafter. The renewal of the technical support services is at a cost of \$15,760.03. The original NYS OGS agreement in place expired in May of 2016 and OGS chose not to renew that agreement. However, a NYS OGS Umbrella agreement, #PM20940, is in place. There is an RFQ requirement to the agreement, which the Authority followed, and received one quote from Oracle in response in the amount of \$15,760.03. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded by Commissioner Dressel, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY  
BOARD RESOLUTION

Resolution No.: 017-035

Resolution Date: April 20, 2017

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 the cost proposal from Oracle America, Inc., to provide these services for the time period of May 29, 2017 through May 28, 2018; and

WHEREAS, the Authority followed the RFQ requirement of NYS OGS Umbrella agreement #PM20940, which is currently in place and only received one price quotation from Oracle America, Inc., of Reston, Virginia in the amount of \$15,760.03; now therefore

BE IT RESOLVED that a purchase order be issued to Oracle America, Inc., in the not to exceed amount of \$15,760.03; and

BE IT FURTHER RESOLVED that the 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 20th day of April, 2017.

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Joseph Ruggiero, Secretary

3) NBB South Span Maintenance Painting – BA-2017-RE-106-CM

Mr. Wright reported to the Board that the Authority advertised this project to water-blast clean and paint various locations on the bridge in the NYS Contract Reporter with bids due on April 6, 2017. Seventeen (17) firms requested the plans and specifications with eight (8) bids submitted; the apparent low bidder being PS Bruckel, Inc., at \$6,256,640.00. The capital plan allotted \$5 million for this project however additional items of work including crevice corrosion repairs and stringer relief joint painting were added to the project, which brought the engineer's estimate to \$6 million. Conversations with Brian Bushek, Director of Finance, confirmed that adequate funding is available for this project. Mr. Wright recommended awarding this project to PS Bruckel, Inc., of Avon, New York at a not to exceed cost of \$6,256,640.00. 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.: 017-036

Resolution Date: April 20, 2017

WHEREAS, bids were solicited through the New York State Contract Reporter for the contract entitled Newburgh-Beacon South Span Maintenance Painting – (BA-2017-RE-106-CM) and eight (8) bids were received on April 6, 2017; the low bidder being the firm of PS Bruckel, Inc.; and

WHEREAS, after further review of the cost proposal by the Engineering department, it is recommended that a construction contract be awarded to the firm of PS Bruckel, Inc.; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority award a construction contract to PS Bruckel, Inc of Avon, New York at a not-to-exceed cost of \$6,256,640.00; and

BE IT FURTHER RESOLVED that the 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 20<sup>th</sup> day of April, 2017.

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Joseph Ruggiero, Secretary

4) System Wide Camera Replacement Project BA-2017-RE-111-AC

Mr. Wright indicated to the Board that in 2015 we added a camera replacement line item to the Engineering's Capital Improvement Program in order to swap out cameras that have come to the end of their useful lives. This year the following cameras will be purchased via NYS OGS Contract: 11 Axis Pan, Tilt and Zoom Cameras for both Traffic and Security monitoring and 3 Axis Fixed Cameras for both Traffic and Security monitoring. The cost for fourteen (14) Traffic and Security cameras will be \$33,109.87. The price quotation includes all cables and mounts necessary to complete the replacement project. This will be paid from the system-wide camera replacement budget in the Capital Program. 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.: 017-037

Resolution Date: April 20, 2017

WHEREAS, the New York State Bridge Authority has determined that it is in the interest of public safety to issue a purchase order to Adirondack Cabling, Inc., to replace non-functioning and aging critical pier and security cameras system-wide, under the contract entitled "System-Wide Camera Replacement" (BA-2017-RE-111-AC); and

WHEREAS, various purchases will be made throughout the duration of this project and the necessary equipment is available on OGS contract; and

WHEREAS, the priority will be the replacement of Traffic and Security cameras at the end of their useful life and non-functioning cameras; and

WHEREAS, the Authority has reviewed the cost proposal from Adirondack Cabling, Inc., now therefore

BE IT RESOLVED that the Board of Commissioners approves that a purchase order be issued to Adirondack Cabling, Inc., of Albany, NY, in the not to exceed amount of \$33,109.87; and

BE IT FURTHER RESOLVED that the 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 20<sup>th</sup> day of April 2017.

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Joseph Ruggiero, Secretary

5) Supplemental Agreement with Kapsch for Citilog Phase II Camera System Design

Mr. Wright indicated to the Board that in 2015 the Authority advertised and awarded a three year contract for the Authority's System-Wide Intelligent Transportation System Engineering Consultant to Kapsch TrafficCom USA, Inc. In February 2017 the Board approved Kapsch to design and construct Phase I of a Citilog camera system to provide coverage on the bridges and in the immediate approaches at the RVWB, KRB, MHB and NBB facilities. Construction is now 50% complete. Mr. Wright would like to issue a Supplemental Agreement to Kapsch for the design of the Phase II Citlog camera system at the RVWB, KRB, MHB and NBB facilities. The cost proposal for design is \$139,781.00. The construction costs for Phase II are estimated to be \$1,410,000, which puts the projected total for Phase I and II at the Capital Improvement Program budget for 2017 of \$2.5 million. 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.: 017-038

Resolution Date: April 20, 2017

WHEREAS, The New York State Bridge Authority has determined that it is in the public interest to utilize automatic incident detection on our bridges to assist the Command Center in responding to accidents and incidents (BA-2016-RE-118-AC); and

WHEREAS, the Authority has successfully initiated this project system-wide and construction of Phase I is now 50% complete; and

WHEREAS, Kapsch Trafficcom USA, Inc., the Authority's System-Wide Intelligent Transportation System Engineering Consultant, will be responsible for design and integration of Phase II under a Supplemental Agreement; and

WHEREAS, the Authority has reviewed and approved their cost proposal; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority award a Supplemental Agreement to Kapsch TrafficCom USA, Inc., of Secaucus, New Jersey to provide design services at a cost not-to-exceed \$139,781.00; and

BE IT FURTHER RESOLVED that the 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 20th day of April 2017.

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Joseph Ruggiero, Secretary

6) NBB North Span Catwalk & Cable Tray Rehabilitation – Design Addition – BA-2016-RE-109-DE

Mr. Wright indicated that the Board previously approved Greenman-Pedersen, (GPI), of Albany, NY to design the NBB N. Span Catwalk & Cable Tray Rehabilitation project at a not-to-exceed cost of \$149,700.00. As the project has developed, Engineering would like to add to the design the electrical upgrades and additional access to the catwalk currently in our capital program as part of the NBB North Span re-decking project scheduled for design in 2019 and 2020. By performing the electrical upgrades now the construction should be more efficient and cost less than if they were performed as a separate contract. The additional not-to-exceed cost to design the electrical upgrades is \$94,500. This additional cost will be absorbed in the overall cost in the design and construction inspection for this project allotted in the capital budget. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY  
BOARD RESOLUTION

Resolution No.: 017-039

Resolution Date: April 20, 2017

WHEREAS, bids were solicited through the New York State Contract Reporter for professional design services in conjunction with the Newburgh-Beacon Bridge North Span Catwalk and Cable Tray Rehabilitation, which was designated BA2016-RE-109-DE and for which Greenman Pedersen (GPI) was chosen as best qualified; and

WHEREAS, as this project has developed, the Authority's Engineering department would like to add to the design the electrical upgrades and additional access to the catwalk currently in the Capital Program as part of the Newburgh-Beacon North Span re-decking project slated for design in 2019 and 2020; and

WHEREAS, by performing the electrical upgrades now, the construction of the re-decking project shall be more efficient and less expensive than if they were performed as a separate contract; and

WHEREAS, the Authority's Engineering department has reviewed and approved GPI's cost proposal for this additional work; now therefore

BE IT RESOLVED that the contract awarded to GPI of Albany, NY be increased in the amount of \$94,500.00 to complete this assignment from their current approved budget of \$149,700.00; and

BE IT FURTHER RESOLVED that the 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 20th day of April 2017.

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Joseph Ruggiero, Secretary

7) Quarterly Accident Report

Mr. Wright stated that he and the Manager of Maintenance reviewed all of the accidents in the third 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.

8) Jobs in Progress

Mr. Wright advised the Board regarding the Engineering Jobs in Progress Report for the month. Mr. Wright reported that sidewalk replacement continues at the Rip Van Winkle Bridge. Roof replacement at the Mid-Hudson Bridge office has begun. Mr. Wright also mentioned that steel repairs continue at the Newburgh Beacon Bridge. 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.: 017-040

Resolution Date: April 20, 2017

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 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 20th day of April 2017.

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Joseph Ruggiero, Secretary

FINANCIAL:1) Investment Transaction Report

Mr. Bushek reviewed the Investment Report for the month noting six investments for the month. Mr. Bushek noted a one-time swap of investments between funds. 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.: 017-041Resolution Date: April 20, 2017

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 16, 2017; 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 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 20<sup>th</sup> day of April, 2017.

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Joseph Ruggiero, Secretary

2) Quarterly Operations Report Q4 2016

Mr. Bushek reported to the Board that the traffic increase of 4.24% was the result of increases in both passenger and commercial, 4.32% and 3.13% respectively. This increase is a continuation of the increase that began in Q4 2014 when gas prices fell and has been heavily complemented by the mild 2016 winter. Toll revenue increased 4.1% consistent with increase in traffic with passenger and commercial contributing 4.45% and 3.33% respectively. Increasing funds available to invest have allowed the Authority to benefit from rising interest rates and allowed for a longer term investment horizon, interest income increased \$230,000 to \$676,000 year to date. Miscellaneous receipts decreased \$86,000 primarily as a result of reduced advertising revenue as the Authority advertising program has reached maturity. Operating expenses increased \$1,200,000 directly as a result of: Salaries increased \$260,000 as a result of contractually obligated wage and salary increases, Employee Retirement increased by \$718,000 as a result of the impact from GASB 68 while the physical cash payment to the retirement system decreased year over year, Electronic Toll Costs of \$163,000 increased E-ZPass utilization. No action was required by the Board.

3) Accident Review Committee Report – 1<sup>st</sup> Quarter 2017

There were 61 accidents on Authority facilities in the first quarter of 2017, as classified by bridge which compares with 45 the previous year. No action was required by the Board.

INFORMATION TECHNOLOGY:1) System Wide Email Redundancy – BA-2017-OO-002-IT

Mr. Herd indicated to the Board that the IT Department's Capital Improvement Program has a system wide backup program and as part of this program a purchase of software and hardware services for email redundancy has been planned. To strengthen the Authority's email environment a redundant server is set up at the Newburgh-Beacon Bridge Facility and Annese and Associates will aid the Authority in the transition and integration of the process to upgrade and migrate the exchange server. The Authority has reached out to the NYS OGS Contract and WMBE vendors for price quotes. Annese and Associates, who is on the NYS OGS Contract # PT64525 and a WBE firm, supplied the Authority with a price quote of \$21,750.000. This procurement of hardware and software services is identified in the IT Department's 2017 Capital Improvement Program, Project ID# SI-0029. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded By Commissioner Dressel, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY  
BOARD RESOLUTION

Resolution No.: 017-042Resolution Date: April 20, 2017

WHEREAS, the Board of Commissioners have reviewed the memorandum describing the need for email redundancy within the Authority; and,

WHEREAS, the Authority will participate in the NYS OGS Contract # PT64525 through Annese and Associates, a WBE firm; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority that the procurement of hardware and software services be a not-to-exceed amount of \$21,750.00; and

BE IT FURTHER RESOLVED, that the 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 20<sup>th</sup> day of April, 2017.

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Joseph Ruggiero, Secretary

2) Server Replacement Program – 2017

Mr. Herd indicted to the Board that the IT Department's Capital Improvement Program has a server replacement program and as part of this program a purchase of two video and three file servers has been planned. The video servers at MHB and NBB are scheduled to be replaced. The following file servers are also scheduled to be replaced; SQL, fuel system and BMB file server. These servers all come with a five year warranty and the current servers being replaced are no longer covered under warranty. The existing systems will be repurposed and will become spare units at the facilities. The Authority has reached out to the NYS OGS Contract and WMBE vendors for price quotes. Quality and Assurance Tech Corporation, who is on the NYS OGS Contract # PM20850 and a WBE firm, supplied the Authority with a price quote of \$49,778.49. This procurement is identified in the IT Department's 2017 Capital Improvement Program, Project ID# SI-0013. Chairman Gerentine called for a motion. On a motion of Commissioner Dressel, seconded by Vice Chairman Higgins, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY  
BOARD RESOLUTION

Resolution No.: 017-043

Resolution Date: April 20, 2017

WHEREAS, the Board of Commissioners have reviewed the memorandum describing the need to replace two video and three file servers; and,

WHEREAS, the Authority will participate in the NYS OGS Contract # PM20850 through Quality and Assurance Tech Corporation, a WBE firm; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority that the procurement of the five servers will be a not-to-exceed amount of \$49,778.49; and

BE IT FURTHER RESOLVED, that the 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 20<sup>th</sup> day of April, 2017.

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Joseph Ruggiero, Secretary

REPORTS TO BOARD:3) Monthly Activity Report of the Executive Director

The Monthly Activity Report was submitted by Executive Director Joseph Ruggiero noting no expenditures.

4) March 2017 Traffic and Revenue Analysis

Mr. Ruggiero noted for the month of March traffic decreased 5.20% and revenue decreased 5.93%. No action was required by the Board.

5) March 2017 E-ZPass Sales Analysis

Mr. Ruggiero indicated that year-to-date 2017 tag sales were 2,423, compared to 1,123 sold year-to-date 2016. No action was required by the Board.

6) Historic Bridges of the Hudson Valley (HBHV) Monthly Report for February 2017

Ms. Sullivan reviewed her HVHB report to the Board.

Expenditures for March 2017

Starting balance of HBHV bank account on 3/2/17: \$47,281.63

Payroll withdrawals: \$3270.97

Other expenditures:

    Quarterly tax payment: \$399.72

Ending balance 4/5/17: \$43,610.94

Skywalk update --Since 2015, NYSBA has been participating in a regional group that includes Green County, the Village of Catskill, Scenic Hudson, Olana State Historic Site, The Thomas Cole House and others, who formed to support Greene County's requests for funding under New York State's 2015 and 2016 Consolidated Funding Applications for the "Hudson River Skywalk: Connecting Art, History, and Landscape" project. Both funding requests were successful and will fund the planning and design of the project, the "bricks and mortar" elements of connecting the Thomas Cole Site to the bridge, as well as the enhancements to the sidewalk on the bridge—three bump-outs, each over 50 feet long for visitors to sit and enjoy or paint the world-renowned views of the Catskills. These grant requests required a match, dollar for dollar, and NYSBA was able to provide this match with our \$5,000,000 replacement installation of the Rip Van Winkle Bridge sidewalk.

Last week, NYSBA organized two major planning meetings for the final Phase 3 of the project. Phase 3 includes the major final step of connecting the bridge with Olana, and continuing the trail to the north Olana entrance and on to the community college next door.

The first of the two meetings was held at the Columbia Greene Community College with county and local town officials to outline the basics of Phase 1 and 2 including the success of the accompanying grant funding; the proposed Phase 3 concept; and the vetting of their ideas, support, and needed sponsorship of the final Phase 3 located in their jurisdiction.

The second meeting was with the regional DOT and OPRHP offices to update them on all phases, get their updates on planned road improvements and the Empire Trail considerations. Further, we discussed a close working relationship on Phase 3 to include careful pedestrian safety and sensitive aesthetic planning.

Tara Sullivan's HBHV projects included:

1. Annual tax preparation
2. Weekly meetings and reports with Kathy Burke
3. Project oversight and updates
  - a. Interpretive signage update-design for MHB signs has begun
    - i. Kathy went to the Smithsonian to retrieve archival photos
  - b. Anchorage update
    - i. Conceptual floor plan submitted by architect
    - ii. Bringing in a Cultural Resource Specialist to review the plans for museum and interpretive exhibit compatibility
  - c. Oversight on BMB Museum space refurbishment
  - d. Oversight on RVWB classroom space refurbishment

Kathy Burke's projects include:

1. On-going projects
  - a) Creating the BMB Museum space is a priority as it must be completed by May 10<sup>th</sup> in preparation for the Master Teacher workshop
  - b) Developing STEAM professional development workshop for Master Teachers at the BMB on May 20, 2017.
  - c) Provided a bridge building program for the Girls Rock STEM program on March 25 at SUNY New Paltz
  - d) Develop and present four session program for the Marist College Center for Living Studies Bridge History Program-started April 5<sup>th</sup>
  - e) Traveled to the Smithsonian in D.C. on March 29-30<sup>th</sup> to digitally capture the construction images of the RVWB and the MHB. She took digital images of 80+ year old photos, most of which we don't currently have, to create collections of images for use by HBHV and NYSBA. She also found and created digital images of many historic documents related to the creation of NYSBA bridges.
  - f) Teaching the Hudson Valley run by National Parks has accepted Kathy's proposal for the 2<sup>nd</sup> year in a row for a workshop on the NYSBA bridges

PRESENTATION TO THE BOARD:1) HBHV Update from the Director

Ms. Burke presented some NYSBA Board history and elaborated on some of her important curriculum development projects for school age and adult learners.

NEW BUSINESS:2) Travel Authorization for Deputy Executive Director and Chief of Staff

Requests to meet on official Authority business with various agencies, authorities, elected officials and staff of the Executive Chamber occur on a regular basis. While this travel is predominantly in the Albany area and is typically conducted within the same day, on occasion it has been necessary to travel overnight. Unfortunately, this type of travel usually does not come with enough advance notice to seek the Board's prior authorization. In August of 2010, the Board of Commissioners authorized the Executive Director in advance to receive reimbursement for travel, including overnight if necessary, to the Albany area for the purpose of conducting official Authority business. However, requests for meetings which are in the interest of the Authority are taking place in New York City and other locations outside the Albany area. In order to provide the proper authorization, maintain compliance with travel guidelines and insure proper accounting of all expenses, Mr. Ruggiero recommended an authorization on behalf of Tara Sullivan, Deputy Executive Director, and Thomas Scaglione, Chief of Staff, to travel within the State of New York. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded by Commissioner Stanton, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY  
BOARD RESOLUTION

Resolution No.: 017-044

Resolution Date: April 20, 2017

WHEREAS, as Deputy Chief Operating Officer and as Public Information Officer of the New York State Bridge Authority, the Deputy Executive Director and the Chief of Staff are required to attend meetings and conduct Authority business with other state agencies and governmental entities; and

WHEREAS, the Deputy Executive Director and the Chief of Staff's official work station is at the Authority's administrative offices in Highland, NY; now therefore

BE IT RESOLVED that Tara Sullivan, Deputy Executive Director, and Thomas Scaglione, Chief of Staff, are authorized to receive reimbursement for appropriate expenses, including overnight travel, incurred while traveling within the State of New York while on Authority official business. Reimbursement is authorized in accordance with the current New York State Bridge Authority Travel and Expense Guidelines and the Office of the State Comptroller's Travel Guidelines; and

BE IT FURTHER RESOLVED that this Authorization shall include travel requested by the Executive Chamber to New York City; and,

BE IT FURTHER RESOLVED that the Treasurer, 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 20<sup>th</sup> day of April, 2017.

---

Joseph Ruggiero, Secretary

This concluded the regular meeting. Chairman Gerentine asked for a motion to adjourn the meeting. On a motion of Commissioner Stanton, seconded by Commissioner Dressel and approved unanimously, the regular meeting adjourned at 4:12 P.M.

The next Annual and Regular Meeting of the Board of Commissioners meeting is scheduled for May 18<sup>th</sup> at 3:00 P.M. at Headquarters.

**NEW YORK STATE BRIDGE AUTHORITY**  
**BOARD RESOLUTION**

Resolution No.: \_\_\_\_\_

Resolution Date: \_\_\_\_\_

WHEREAS, the New York State Bridge Authority has determined it is in the public interest to replace a 2008 Ford Escape operated by the Engineering department as a pool vehicle, which was recently transferred to the Toll Tech unit to replace a 2016 Ford Transit van that was totaled in an accident; and

WHEREAS, the Authority has utilized the competitive mini-bid process, "Vehicle Marketplace" offered through the New York State Office of General Services contract for Class 1-2 Vehicles under Award #22898 to procure a 2017 Jeep Cherokee, the only Flex Fuel SUV available on the market currently that meets the Governor's directive for alternative fuel vehicles; and

WHEREAS, Robert Green Auto and Truck, Inc., of Rock Hill, New York, has provided the low quote; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority authorize that a purchase order be issued to Robert Green Auto and Truck, Inc., for a 2017 4WD Jeep Cherokee Sport Model KLJL74 in an amount not to exceed \$23,951.76; and

BE IT FURTHER RESOLVED that the 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 18<sup>th</sup> day of May 2017.

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Joseph Ruggiero, Secretary

**NEW YORK STATE BRIDGE AUTHORITY**  
**BOARD RESOLUTION**

Resolution No.: \_\_\_\_\_

Resolution Date: \_\_\_\_\_

WHEREAS, the New York State Bridge Authority has determined it is in the public interest to replace a 2006 Chevy AWD Cargo van used by the Toll Tech unit, which has experienced major transmission problems with over 160,000 miles and will be put up for auction; and

WHEREAS, the Authority has utilized the competitive mini-bid process, "Vehicle Marketplace" offered through the New York State Office of General Services contract for Class 3-8 Vehicles under Group 40500-22904 to procure a 2017 Chevy Silverado 3500 Double Cab Model CK35953; and

WHEREAS, Robert Green Auto and Truck, Inc., of Rock Hill, New York, has provided the low quote; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority authorize that a purchase order be issued to Robert Green Auto and Truck, Inc., for a 2017 Chevy Silverado 3500 Double Cab Model CK35953 in an amount not to exceed \$44,037.93; and

BE IT FURTHER RESOLVED that the 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 18<sup>th</sup> day of May 2017.

\_\_\_\_\_  
Joseph Ruggiero, Secretary

**NEW YORK STATE BRIDGE AUTHORITY**  
**BOARD RESOLUTION**

Resolution No.: \_\_\_\_\_

Resolution Date: \_\_\_\_\_

WHEREAS, the New York State Bridge Authority has determined it is in the public interest to erect a precast concrete structure at the Newburgh-Beacon Bridge as project BA-2017-RE-112-AC, "Fabric Membrane Covered Structure" for the purpose of salt storage; and

WHEREAS, the Authority's Engineering and Maintenance department advertised for this opportunity in the New York State Contract Reporter with bids due May 4th and received one cost proposal; and

WHEREAS, the Authority's Engineering and Maintenance department has reviewed and approved Keystone Concrete Products, Inc., as the apparent low bidder; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority approve issuing a purchase order to Keystone Concrete Products, Inc., of New Holland, Pennsylvania for the furnishing and installation of a precast concrete structure to the specifications provided in the Request for Proposal in an amount not to exceed \$47,880.00; and

BE IT FURTHER RESOLVED that the 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 18<sup>th</sup> day of May, 2017.

\_\_\_\_\_  
Joseph Ruggiero, Secretary

**NEW YORK STATE BRIDGE AUTHORITY**  
**BOARD RESOLUTION**

Resolution No.: \_\_\_\_\_

Resolution Date: \_\_\_\_\_

WHEREAS, bids were solicited through the New York State Contract Reporter for the contract entitled "System-wide Emergency Bridge and Highway Repairs – Standby Readiness" (BA-2016-RE-101-CM) and four (4) bids were received on November 24, 2015, the low bidder being the firm of Hudson Valley Bridge (HVB) Construction; and

WHEREAS, additional deck repairs will be necessary on the Newburgh-Beacon North Span, along with other miscellaneous emergency work throughout the Authority and the current not-to-exceed fee is almost exhausted; now therefore

BE IT RESOLVED that the contract awarded to HVB of Harriman, New York be increased in the amount of \$250,000.00 from the amount of \$492,250.00 to a total contract amount of \$742,250.00; and

BE IT FURTHER RESOLVED that the 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 18<sup>th</sup> day of May 2017.

\_\_\_\_\_  
Joseph Ruggiero, Secretary

**NEW YORK STATE BRIDGE AUTHORITY**  
**BOARD RESOLUTION**

Resolution No.: \_\_\_\_\_

Resolution Date: \_\_\_\_\_

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 Newburgh-Beacon Bridge "South Span Maintenance Painting" to be designated as BA-2017-RE-106-SU; and

WHEREAS, the Authority's Engineering department advertised this request in the NYS Contract Reporter as BA-2016-RE-XX-SU and shortlisted three (3) responding consultants to provide a cost proposal to provide these services, with proposals due May 4<sup>th</sup>, 2017; and

WHEREAS, the Authority's Engineering department has reviewed the cost proposals and has determined that Foit-Albert Associates, a certified Minority Owned Business, 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 award a professional services agreement to Foit-Albert Associates of Albany, NY in an amount not to exceed \$150,000.00; and

BE IT FURTHER RESOLVED that the 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 18<sup>th</sup> day of May, 2017.

\_\_\_\_\_  
Joseph Ruggiero, Secretary

**NEW YORK STATE BRIDGE AUTHORITY**  
**BOARD RESOLUTION**

Resolution No.: \_\_\_\_\_

Resolution Date: \_\_\_\_\_

WHEREAS, bids were solicited through the New York State Contract Reporter for the contract entitled Mid-Hudson and Bear Mountain Bridges Main Cable Investigation – (BA-2017-RE-101-CM) and two (2) bids were received on May 11, 2017; the low bidder being the firm of Piasecki Steel Construction Corp.; and

WHEREAS, after further review of the cost proposal by the Engineering department, it is recommended that a construction contract be awarded to the firm of Piasecki Steel Construction Corp.; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority award a construction contract to Piasecki Steel Construction Corp of Castleton, New York at a not-to-exceed cost of \$2,625,200.00; and

BE IT FURTHER RESOLVED that the 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 18<sup>th</sup> day of May, 2017.

\_\_\_\_\_  
Joseph Ruggiero, Secretary



**Bridge  
Authority**

**"ENGINEERING JOBS IN PROGRESS"**  
**COST SUMMARY**  
**April 30, 2017**

Prepared  
May 10, 2017

| <b><u>BRIDGE FACILITY</u></b> | <b><u>SUMMARY</u></b>      |                              |                                 |                              | <b>Remarks (Added or Removed)</b> |
|-------------------------------|----------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------------|
|                               | <b>Original Award (\$)</b> | <b>Revised Contract (\$)</b> | <b>Revised Prior Month (\$)</b> | <b>Contract Balance (\$)</b> |                                   |
| RIP VAN WINKLE BRIDGE         | \$ 5,778,380               | \$ 6,320,626                 | \$ 6,320,626                    | \$ 2,602,473                 |                                   |
| KINGSTON-RHINECLIFF BRIDGE    | \$ 177,389                 | \$ 177,389                   | \$ 177,389                      | \$ 171,555                   |                                   |
| WALKWAY OVER THE HUDSON       | \$ 48,533                  | \$ 48,533                    | \$ 48,533                       | \$ 48,533                    |                                   |
| MID-HUDSON BRIDGE             | \$ 944,712                 | \$ 944,712                   | \$ 944,712                      | \$ 586,422                   |                                   |
| NEWBURGH-BEACON BRIDGES       | \$ 12,553,591              | \$ 12,553,591                | \$ 6,296,951                    | \$ 9,830,637                 | BA2017-106 Paint Project Added    |
| BEAR MOUNTAIN BRIDGE          | \$ 314,320                 | \$ 314,320                   | \$ 314,320                      | \$ 273,690                   |                                   |
| MULTI-FACILITY PROJECTS       | \$ 492,250                 | \$ 492,250                   | \$ 492,250                      | \$ 44,969                    |                                   |
| <b>TOTALS</b>                 | <b>\$ 20,309,175</b>       | <b>\$ 20,851,421</b>         | <b>\$ 14,594,781</b>            | <b>\$ 13,558,279</b>         |                                   |

# **Rip Van Winkle Bridge**



**Engineering “Jobs In Progress” for April 30, 2017**

**BA2014-RE-102**  
**Rip Van Winkle Bridge**  
**Bridge Railing and Sidewalk Replacement**

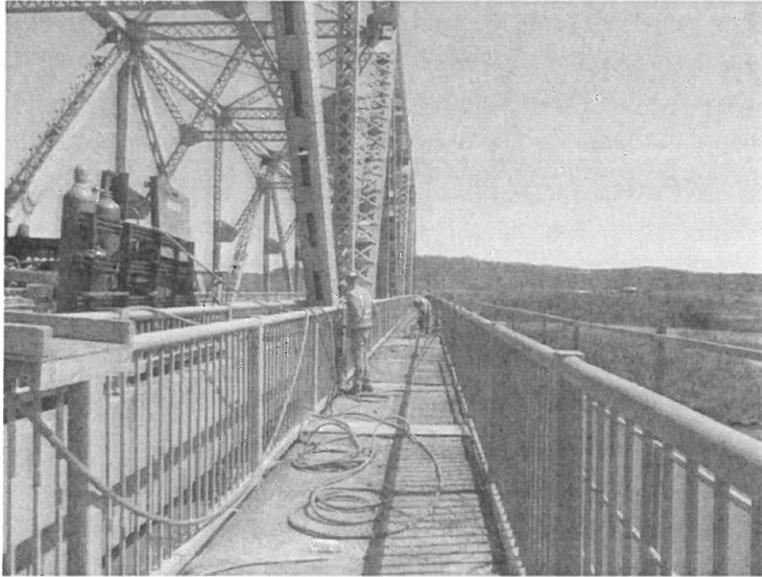
| Project No. | Vendor  | Award and/or Increase | Sch. Comp | Comp. | Original Award | Board Approved Increase | Revised Contract | Approved Payment to Date | Contract Balance | % Comp. | % Elapsed |
|-------------|---|-----------------------|-----------|-------|----------------|-------------------------|------------------|--------------------------|------------------|---------|-----------|
| 2014-102-DE | Greenman Pedersen, Inc. (GPI) (Designer) / (Design Support) CO-Sidewalk Widening Design | 10/13<br>5/16         | 12/15     |       | \$268,000      | \$44,500                | \$312,500        | \$262,133                | \$50,367         |         |           |
| 2014-102-CM | Piasecki Steel Construction (Contractor)  | 1/16<br>2/17          | 12/17     |       | \$5,362,400    | \$497,746               | \$5,860,146      | \$3,446,708              | \$2,413,437      | 68%     | 70%       |
|             | NYSBA (In-House Construction Supervision)   |                       |           |       |                |                         |                  |                          |                  |         |           |
|             |   |                       |           |       |                |                         |                  |                          |                  |         |           |
|             |   |                       |           |       |                |                         |                  |                          |                  |         |           |

**Description of Work:**

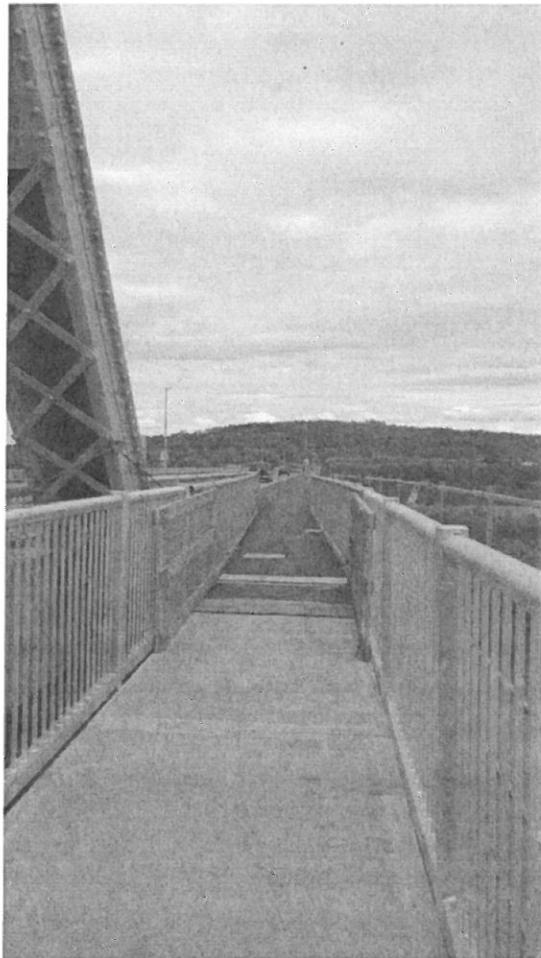
The work for this project consists of the replacement of the existing bridge sidewalk with precast units, removal and replacement of bridge traffic railing and sidewalk railing. Change Order approved 2/16/17 to include 3 viewports. Viewport costs to be reimbursed by a grant through Greene County.

**Comments:**

The Contractor continues removal of the existing pedestrian walkway and installing new precast pedestrian walkway panels and railings. The Contractor has substantially completed sidewalk replacement for the thru truss span.



Sidewalk Demo Operation approach Pier 3



Thru Truss sidewalk completed up to Pier 3

# **Kingston-Rhinecliff Bridge**



# **Walkway over the Hudson**



# **Mid-Hudson Bridge**



**Engineering "Jobs In Progress" for April 30, 2017**

**BA2014-RE-105**  
**Mid-Hudson Bridge**  
**Roof Rehabilitation for Old Admin and Bridge Admin**

| Project No. | Vendor   | Award | Start | Sch. Comp.             | Comp. | Original Award | Revised Contract | Approved Payment to Date | Contract Balance | % Comp. | % Elapsed |
|-------------|--|-------|-------|------------------------|-------|----------------|------------------|--------------------------|------------------|---------|-----------|
| 2015-003-CM | BBR Contracting Corp.<br>(Contractor)          | 7/16  | 08/16 | 11/16<br>Ext.<br>05/17 |       | \$588,750      |                  | \$310,650                | \$278,100        | 56%     | 84%       |
| 2015-003-DE | Modjeski & Masters, Inc.<br>(Designer)         | 5/16  |       |                        |       | \$91,000       |                  | \$73,145                 | \$17,855         |         |           |
|             | Construction Inspection<br>(Swartz & In-house) |       |       |                        |       |                |                  |                          |                  |         |           |
|             |  |       |       |                        |       |                |                  |                          |                  |         |           |
|             |  |       |       |                        |       |                |                  |                          |                  |         |           |

**Description of Work:**

This project consists of replacing the existing membrane roof system with a new system at the old Administration building, east side of bridge. The bridge administration building will have the existing asbestos roof system removed and replaced with a standing seam truss roof system. The entrance way to the bridge admin building is being reconstruction.

**Comments:**

BBR Contracting remobilized on April 17<sup>th</sup> and began Admin building roof removal and installation of a new standing seam roof system.

# **Newburgh-Beacon Bridge**

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

| PROJECT BA #    | CONSULTANT/<br>CONTRACTOR  | PROJECT<br>DESCRIPTION                      | AWARD<br>DATE | CAPITAL<br>IMPROV.<br>APPROVAL<br>DATE | ORIGINAL<br>AWARD OR<br>BUDGET \$ | REVISED<br>CONTRACT \$ | CONTRACT<br>BALANCE | COMMENTS        |
|-----------------|----------------------------|---|---------------|--|-----------------------------------|------------------------|---------------------|-----------------|
| 16-RE-104-CM.31 | In-House                   | Electrical & Comm. Cable Tray Installation  |               | 17-Feb                                 | \$ 12,671                         | \$ 12,671              | \$ 12,671           |                 |
| 16-RE-104-CM.32 | In-House                   | Roadway Sign Improvements                   |               | 17-Feb                                 | \$ 6,057                          | \$ 6,057               | \$ 4,794            |                 |
| 16-RE-104-CM.33 | In-House                   | Biennial Bridge Inspection Support - 2017   |               | 17-Feb                                 | \$ 49,589                         | \$ 49,589              | \$ 1,856            |                 |
| 16-RE-104-CM.34 | In-House                   | LED Street Lighting                         |               | 17-Feb                                 | \$ 64,899                         | \$ 64,899              | \$ 64,899           |                 |
| 16-RE-104-CM.35 | In-House                   | North Span Overlay Repairs                  |               | 17-Feb                                 | \$ 28,035                         | \$ 28,035              | \$ 7,576            |                 |
| 16-RE-104-CM.36 | In-House                   | Bridge Painting Upgrades                    |               | 17-Feb                                 | \$ 50,459                         | \$ 50,459              | \$ 50,459           |                 |
| 16-RE-104-CM.37 | In-House                   | Bridge Safety Upgrades                      |               | 17-Feb                                 | \$ 21,785                         | \$ 21,785              | \$ 21,785           |                 |
| 16-RE-104-CM.38 | In-House                   | Salt Shed Reconstruction                    |               | 17-Feb                                 | \$ 86,675                         | \$ 86,675              | \$ 86,675           |                 |
| 16-RE-104-CM.39 | In-House                   | Water System                                |               | 17-Feb                                 | \$ 10,691                         | \$ 10,691              | \$ 10,691           |                 |
| 16-RE-104-CM.40 | In-House                   | Star Bldg. / Salt Shed Rehab. / Ranch House |               | 17-Feb                                 | \$ 9,046                          | \$ 9,046               | \$ 9,046            |                 |
| 16-RE-104-CM.41 | In-House                   | Energy Saving Upgrades                      |               | 17-Feb                                 | \$ 7,685                          | \$ 7,685               | \$ 7,685            |                 |
| 16-RE-102-DE    | Modjeski & Masters, Inc.   | Route 9W overpass deck replacement          | 15-Nov        |  | \$ 382,330                        | \$ 382,330             | \$ 131,922          |                 |
| 16-RE-103-DE    | Modjeski & Masters, Inc.   | Steel and Deck Repairs                      | 16-Jan        |  | \$ 236,750                        | \$ 236,750             | \$ 131,976          |                 |
| 16-RE-103-CM    | Hudson Valley Bridge (HVB) | Deck Shoring & Steel Repairs                | 16-Jun        |  | \$ 4,594,000                      | \$ 4,594,000           | \$ 2,468,819        |                 |
| 16-RE-103-SU    | HDR, Inc.                  | Deck Shoring & Steel Repairs, Const. Insp.  | 16-Jul        |  | \$ 718,965                        | \$ 718,965             | \$ 545,829          |                 |
| 19-RE-119-AC    | NYCOMCO                    | Radio System Upgrade                        | 16-Aug        |  | \$ 17,314                         | \$ 17,314              | \$ 17,314           |                 |
| 17-RE-106-CM    | P.S. Bruckel, Inc.         | South Span Maintenance Painting             | 17-Apr        |  | \$ 6,256,640                      | \$ 6,256,640           | \$ 6,256,640        | Project Awarded |
| <b>TOTALS</b>   |                            |   |               |  | \$ 12,553,591                     | \$ 12,553,591          | \$ 9,830,637        |                 |

## Engineering "Jobs In Progress" for April 30, 2017

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

| Project No. | Vendor  | Award | Start | Sch. Comp. | Comp. | Original Award | Revised Contract | Approved Payment to Date | Contract Balance | % Comp. | % Elapsed |
|-------------|---|-------|-------|------------|-------|----------------|------------------|--------------------------|------------------|---------|-----------|
| 2016-102-DE | Modjeski & Masters, Inc.<br>(Design / Design Support) | 11/15 | 11/15 | 12/18      |       | \$382,330      |                  | \$250,408                | \$131,922        |         |           |
| 2016-102-CM | To-Be-Determined<br>(Contractor)                      |       |       |            |       |                |                  |                          |                  |         |           |
| 2016-102-SU | To-Be-Determined<br>(Construction Supervision)        |       |       |            |       |                |                  |                          |                  |         |           |
|             |   |       |       |            |       |                |                  |                          |                  |         |           |
|             |   |       |       |            |       |                |                  |                          |                  |         |           |

#### 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. Include 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:

Modjeski and Masters continue preparing design drawings for this project. Letting and award of this project has been pushed out to this Fall.

**Engineering "Jobs In Progress" for April 30, 2017**

**BA2016-RE-103**

**NBB - Steel & Deck Repairs and MHB – Steel Repairs**

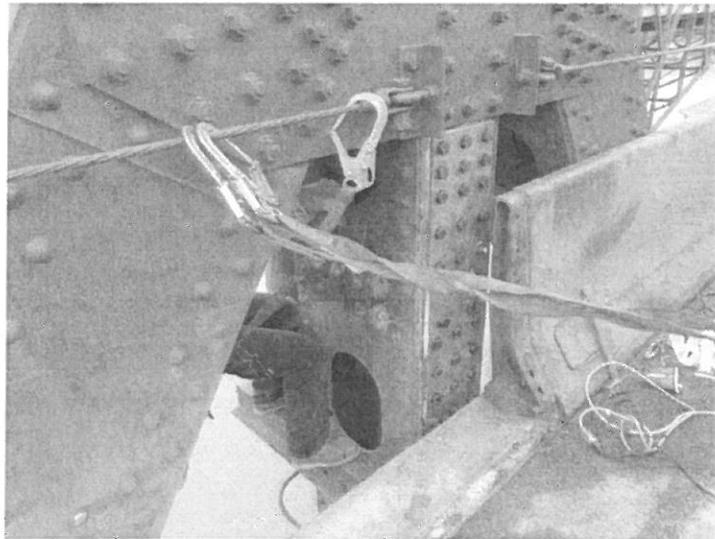
| Project No. | Vendor  | Award | Start | Sch. Comp. | Comp. | Original Award | Revised Contract | Approved Payment to Date | Contract Balance | % Comp. | % Elapsed |
|-------------|---|-------|-------|------------|-------|----------------|------------------|--------------------------|------------------|---------|-----------|
| 2016-103-DE | Modjeski & Masters, Inc.<br>(Design / Design Support) | 1/16  | 1/16  | 12/16      |       | \$236,750      |                  | \$104,774                | \$131,976        |         |           |
| 2016-103-CM | HVB, Inc.<br>(Contractor)                             | 6/16  | 8/16  | 12/17      |       | \$4,594,000    |                  | \$2,216,421              | \$2,468,819      | 50%     | 61%       |
| 2016-103-SU | HDR, Inc.<br>(Construction Supervision)               | 7/16  | 8/16  | 12/17      |       | \$718,965      |                  | \$173,136                | \$545,829        |         |           |
|             |   |       |       |            |       |                |                  |                          |                  |         |           |
|             |   |       |       |            |       |                |                  |                          |                  |         |           |

**Description of Work:**

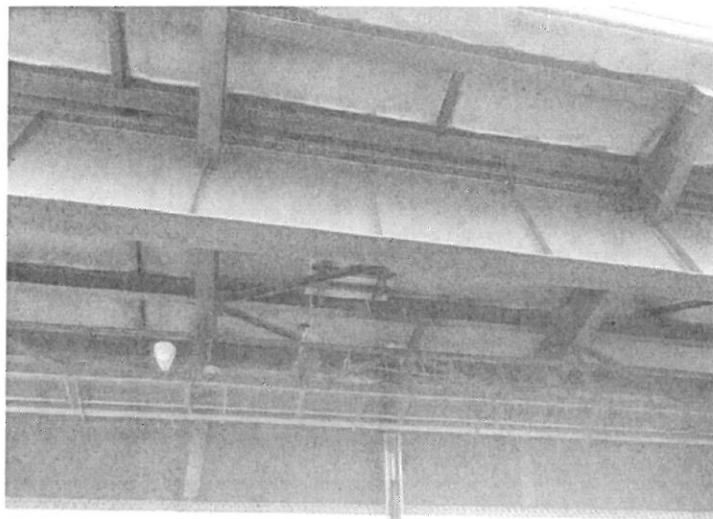
The work for this project consists of the shoring of numerous areas of the NBB North Span deck prior to deck replacement; which is scheduled for 2021. Also from the biennial inspections, steel repairs will be performed via contract at NBB and MHB.

**Comments:**

Contractor continues with the various types of steel repairs for the NBB north span.



Typical Steel Repair & Strengthening



Girder Span Deck Shoring

**Engineering “Jobs In Progress” for April 30, 2017**

**BA2017-RE-106**

**Newburgh-Beacon Bridge (South Span)**

**Maintenance Painting (West Abutment – East Abutment)**

| Project No. | Vendor                                      | Award | Start | Sch. Comp. | Comp. | Original Award | Revised Contract | Approved Payment to Date | Contract Balance | % Comp. | % Elapsed |
|-------------|---|-------|-------|------------|-------|----------------|------------------|--------------------------|------------------|---------|-----------|
| 2017-106-DE | NYSBA – In House (Designer)                 |       |       |            |       |                |                  |                          |                  |         |           |
| 2017-106-CM | PS Bruckel, Inc. (Contractor)               | 4/17  | 5/17  | 12/17      |       | \$6,256,640    | \$6,256,640      | \$0                      | \$6,256,640      | 0%      | 0%        |
| 2017-106-SU | To Be Determined (Construction Supervision) | 5/17  | 5/17  | 12/17      |       | \$0            | \$0              | \$0                      | \$0              |         |           |
|             |   |       |       |            |       |                |                  |                          |                  |         |           |
|             |   |       |       |            |       |                |                  |                          |                  |         |           |

**Description of Work:**

The Work for this project includes water blast cleaning various areas of the bridge and applying three (3) coats of elastomeric paint, Noxyde or Polynox. Areas to be cleaned and painted are as follows:

- Underside of the approach girder span pedestrian walkway
- Underside of the main span pedestrian walkway, Pier 4–Pier7
- Location of former floor system stringer relief joints
- Interior surfaces of the lower truss joints
- Exterior surfaces of the main span lower truss joints
- Crevice corrosion repairs

**Comments:**

This project has been awarded to PS Bruckel, Inc. of Avon, NY. The Contract Agreement has been sent to Bruckel for execution. A pre-construction meeting has been scheduled for early May.

# **Bear Mountain Bridge**

"ENGINEERING JOBS IN PROGRESS"

BEAR MOUNTAIN BRIDGE

SUMMARY

| PROJECT BA #    | CONSULTANT/<br>CONTRACTOR | PROJECT<br>DESCRIPTION                 | AWARD<br>DATE | CAPITAL<br>IMPROV.<br>APPROVAL<br>DATE | ORIGINAL<br>AWARD OR<br>BUDGET \$ | REVISED<br>CONTRACT \$ | CONTRACT<br>BALANCE | COMMENTS |
|-----------------|---------------------------|--|---------------|--|-----------------------------------|------------------------|---------------------|----------|
| 16-RE-104-CM.42 | In-House                  | Bridge Flag Hoisting Apparatus         |               | 17-Feb                                 | \$ 5,557                          | \$ 5,557               | \$ 5,557            |          |
| 16-RE-104-CM.43 | In-House                  | Bridge Structural Steel Repairs        |               | 17-Feb                                 | \$ 9,537                          | \$ 9,537               | \$ 9,537            |          |
| 16-RE-104-CM.44 | In-House                  | Museum                                 |               | 17-Feb                                 | \$ 20,203                         | \$ 20,203              | \$ 4,799            |          |
| 16-RE-104-CM.45 | In-House                  | Bridge Painting Upgrades               |               | 17-Feb                                 | \$ 60,662                         | \$ 60,662              | \$ 60,662           |          |
| 16-RE-104-CM.46 | In-House                  | Bridge Safety Upgrades                 |               | 17-Feb                                 | \$ 5,768                          | \$ 5,768               | \$ 5,768            |          |
| 16-RE-104-CM.47 | In-House                  | Cable Monitoring                       |               | 17-Feb                                 | \$ 32,173                         | \$ 32,173              | \$ 32,173           |          |
| 16-RE-104-CM.48 | In-House                  | Plug Joint and Wearing Surface Repairs |               | 17-Feb                                 | \$ 4,196                          | \$ 4,196               | \$ 4,196            |          |
| 16-RE-104-CM.49 | In-House                  | Energy Saving Upgrades                 |               | 17-Feb                                 | \$ 2,124                          | \$ 2,124               | \$ 2,124            |          |
| 16-RE-107-CM.7A | In-House                  | Security Cameras, etc.                 |               | 17-Feb                                 | \$ -                              | \$ -                   | \$ -                |          |
| 16-RE-101-DE.1  | Modjeski & Masters        | Main Cable Evaluation, Design          | 15-Nov        |  | \$ 174,100                        | \$ 174,100             | \$ 148,874          |          |
| <b>TOTALS</b>   |                           |  |               |  | <b>\$ 314,320</b>                 | <b>\$ 314,320</b>      | <b>\$ 273,690</b>   |          |

# **Multi-Facility**



**Engineering "Jobs In Progress" for April 30, 2017**

**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)<br>(Contractor) | 12/15                 | 12/18     |       | \$492,250      |                         | \$492,250        | \$447,281                | \$44,969         |         |           |
| 2016-101-DE | NYSBA – In House<br>(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 this past month for full depth deck repairs on the north span of the Newburgh-Beacon Bridge.

## Engineering "Jobs In Progress" for April 30, 2017

### BA2017-RE-101

### MHB and BMB Main Cable Investigation & Evaluation

| Project No.   | Vendor                                     | Award | Start | Sch. Comp. | Comp. | Original Award | Revised Contract | Approved Payment to Date | Contract Balance | % Comp. | % Elapsed |
|---------------|--|-------|-------|------------|-------|----------------|------------------|--------------------------|------------------|---------|-----------|
| 2017-101-DE   | Modjeski & Masters, Inc.<br>(MHB - Design) | 11/15 | 11/15 | 4/17       |       | \$180,800      |                  | \$29,078                 | \$151,722        |         |           |
| 2017-101-DE.1 | Modjeski & Masters, Inc.<br>(BMB - Design) | 11/15 | 11/15 | 4/17       |       | \$174,100      |                  | \$25,225                 | \$148,874        |         |           |
| 2017-101-CM   | To-Be-Determined<br>(Contractor)           |       |       |            |       |                |                  |                          |                  |         |           |
| 2017-101-SU   | In-House<br>(Construction Supervision)     |       |       |            |       |                |                  |                          |                  |         |           |
|               |  |       |       |            |       |                |                  |                          |                  |         |           |

### Description of Work:

The work for this project consists of the unwrapping and wedging open the main cable to inspect the internal cable strands (1/8" diameter) for potential additional strand breaks. The inspection will also evaluate the corrosion inhibitors previously placed. Two (2) suspender cables from each bridge will be removed and replaced. The existing suspender ropes will be examined prior to tensioning a section to failure to determine its strength.

### Comments:

Letting and award of this project is scheduled for May 11<sup>th</sup> and May 18<sup>th</sup>, respectively.

**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 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 18th day of May 2017.

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**Joseph Ruggiero, Secretary**

**NEW YORK STATE BRIDGE AUTHORITY**  
**BOARD RESOLUTION**

Resolution No.:

Resolution Date: May 18, 2017

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 20, 2017; 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 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 18<sup>th</sup> day of May, 2017.

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Joseph Ruggiero, Secretary

**NEW YORK STATE BRIDGE AUTHORITY**  
**BOARD RESOLUTION**

Resolution No.:

Resolution Date: May 18, 2017

WHEREAS, the Board has reviewed the report relative to the 2017 Engagement under contract BA-2016-OA-001PS for Independent Accountant services; now therefore and,

BE IT RESOLVED, RESOLVED the New York State Bridge Authority does hereby approve the 2017 Engagement Letter 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 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 18<sup>th</sup> day of May, 2017.

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Joseph Ruggiero, Secretary

**NEW YORK STATE BRIDGE AUTHORITY**  
**BOARD RESOLUTION**

Resolution No.:

Resolution Date: May 18, 2017

WHEREAS, the Board has reviewed the report relative to the 2017 Internal Controls Systems Audit Plan and engagement letter; now therefore,

BE IT RESOLVED, the New York State Bridge Authority does hereby approve the 2017 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 \$19,500 for the year ending December 31, 2017; and therefore

BE IT FURTHER RESOLVED, that the 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 18<sup>th</sup> day of May, 2017.

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Joseph Ruggiero, Secretary

**NEW YORK STATE BRIDGE AUTHORITY**  
**BOARD RESOLUTION**

Resolution No.:

Resolution Date: May 18, 2017

WHEREAS, the Board of Commissioners have reviewed the memorandum describing the need for improved radio communications in the Authority vehicles between the Mid-Hudson Bridge Facility and the bridge; and,

WHEREAS, the Authority will utilize NYCOMCO for this service as they already support the current radio system; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority issue a purchase order at a not-to-exceed amount of \$18,691.43; and

BE IT FURTHER RESOLVED, that the 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 18<sup>th</sup> day of May, 2017.

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Joseph Ruggiero, Secretary

**NEW YORK STATE BRIDGE AUTHORITY**  
**BOARD RESOLUTION**

Resolution No.:

Resolution Date: May 18, 2017

WHEREAS, the Memorandum of Understanding dated April 29, 2009 states that the Bridge Authority agrees to reimburse the NYS Thruway Authority for E-ZPass related costs it incurs which are determined as chargeable to the Bridge Authority; and

WHEREAS, The Board has reviewed the report relative to the payment to the NYS Thruway Authority for Bridge Authority E-ZPass related costs for the period January 1, 2017 – March 31, 2017 in the amount of \$925,668.27; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority approves payment to the NYS Thruway Authority in the amount not to exceed \$925,668.27; and

BE IT FURTHER RESOLVED, that the 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 18<sup>th</sup> day of May 2017.

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Joseph Ruggiero, Secretary