



ANDREW M. CUOMO
Governor

JOSEPH RUGGIERO
Executive Director

RICHARD A. GERENTINE
Chairman

BOARD MEETING AGENDA **THURSDAY, FEBRUARY 18, 2016 - 3:00 P.M.**

I. ADOPT THE REGULAR BOARD MEETING MINUTES OF JANUARY 21, 2016

II. BUSINESS ITEMS:

1. ADMINISTRATION:

None

2. ENGINEERING AND MAINTENANCE:

- a. 2016 Capital Equipment Purchase – Aerial Truck
- b. 2016 Capital Equipment Purchase – Small 4x4 Dump Truck
- c. 2016 Treated Salt Procurement
- d. 2016 In-House Capital Program
- e. Variable Message Sign Purchase
- f. Jobs in Progress Monthly Report

3. FINANCIAL:

- a. Investment Report
- b. Annual Payment to Department of Civil Service

4. HUMAN RESOURCES:

None

5. INFORMATION TECHNOLOGY:

- a. Server Procurement
- b. System Wide Network Services – BA-2015-OO-007-IT

6. **BRIDGE OPERATIONS:**

- a. NYSTA – 4th Quarter 2015 E-ZPass Expenses

III. **REPORTS TO BOARD:**

- a. Executive Director's Monthly Activity Report
- b. January 2016 Traffic and Revenue Analysis
- c. January 2016 E-ZPass Sales Analysis

IV. **PRESENTATION TO BOARD**

V. **OLD BUSINESS:**

VI. **NEW BUSINESS:**

VII. **ATTORNEY CLIENT PRIVILEGE:**

VIII. **ADJOURNMENT:**

NEXT MEETING

**March 17, 2016
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
January 19, 2016

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
Ramaglia, Joseph, Vice Chairman
Dressel, Roderick O., Commissioner
Higgins, Roger P., Commissioner
Lashua, C. Vane, Commissioner

OFFICERS:

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

Chairman Gerentine called the meeting to order at 3:26 pm. Chairman Gerentine called for a motion to adopt the minutes of the December 17, 2015 Regular meeting. On motion of Commissioner Dressel, seconded by Vice Chairman Ramaglia, the minutes of the December 17, 2015 Regular meeting were adopted unanimously.

ADMINISTRATION:1) Kapsch Contract Amendment

Mr. Russo reported to the board that in an offer to the E-ZPass IAG members dated, July 17, 2015, Kapsch TrafficCom IVHS Inc., proposed to reduce the prices of its E-ZPass tags and equipment for the remainder of the contract period which runs through November 1, 2021. In exchange the IAG members would extend Kapsch's exclusivity period under the contract an additional two years to July 16, 2018 and would agree to "level" load orders for E-ZPass tags to allow for more predictable manufacturing schedules. On October 8, 2015, the IAG Executive Management Committee passed a resolution to recommend to its member agencies an Amendment to the Kapsch Technology Agreement to accept the offer as summarized above. As the original Kapsch Technology Agreement is a separately executed contract with each member agency, the Amendment to the Agreement must be as well. Accordingly Mr. Russo recommended that the Authority Board accept the terms of the Amendment Number One to the E-ZPass Technology Agreement as recommended by resolution of the IAG EMC and further described in the Kapsch TrafficCom IVHS Offer dated July 17, 2015. Chairman Gerentine called for a motion. On a motion of Commissioner Higgins, seconded by Vice Chairman Ramaglia, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 016-001

Resolution Date: January 19, 2016

WHEREAS, the NYS Bridge Authority is a Full Member Agency of the E-ZPass Interagency Group ("IAG") to jointly and cooperatively implement an electronic toll collection system known as E-ZPass; and,

WHEREAS, the Executive Management Committee of the IAG passed a resolution recommending an Amendment to the Kapsch Technology Agreement accepting a proposal that would result in reduced pricing and increased productivity for its members in exchange for an extension of the exclusivity period by two years; and

WHEREAS the NYS Bridge Authority entered into the E-ZPass Technology Agreement with Kapsch Technology on April 11, 2012; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority approves Amendment Number One to the E-ZPass Technology Agreement with Kapsch TrafficCom IVHS Inc. as presented in the accompanying documents and recommended by the E-ZPass Interagency Group in order that the Authority receives the more favorable terms offered by Kapsch; 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 19th day of January, 2016.

Joseph Ruggiero, Secretary

2) E-ZPass IAG Membership Dues for 2016

Mr. Russo indicated that he has received an invoice for the Authority's annual assessment as a full member of the E-ZPass Interagency Group (IAG) for 2016. The IAG is the operating structure comprised of the member agencies that facilitate operational consistency, reciprocity and shared decision-making with respect to E-ZPass and its implementation. The Authority is a full voting member of this organization. As a "small" member agency, the Authority's annual assessment for 2016 is \$25,000. Chairman Gerentine called for a motion. On a motion of Commissioner Higgins, seconded by Commissioner Lashua, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 016-002

Resolution Date: January 19, 2016

WHEREAS, the NYS Bridge Authority is a Full Member Agency of the E-ZPass Interagency Group ("IAG") to jointly and cooperatively implement an electronic toll collection system known as E-ZPass; and,

WHEREAS, the NYS Bridge Authority has received an invoice from the IAG for its 2016 annual assessment in the amount of \$25,000 in accordance with the E-ZPass Interagency Group Operating Agreement; and

WHEREAS the NYS Bridge Authority agrees it is in the public interest to continue its full voting membership in the E-ZPass Interagency Group; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority approves the payment of the E-ZPass Interagency Group invoice for the 2016 annual membership assessment in the amount of \$25,000; 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 19th day of January, 2016.

Joseph Ruggiero, Secretary

ENGINEERING:1) Systemwide Street Sweeping Contract – 2nd Extension – BA-2013-OE-144-OT

Mr. Wright indicated to the Board that this contract was publicly advertised and bid in September of 2013, with one bid received from Community Custom Services at a price of \$946.00 per day. The contract ran from November 1, 2013 through October 31, 2014, with the option to renew up to an additional three (3) one (1) year terms, with allowances for prevailing wage increases, insurance and fuel costs. In November of 2014 the Authority extended the first of Community Custom Service's options for the next term of November 1, 2014 through October 31, 2015 at a rate of \$986.00 per day due to an increase in the prevailing wage. Their current price proposal of \$1,012.00 per day is up slightly due to an increase in the prevailing wage. Mr. Wright recommended exercising the second option to extend for another year, encompassing forty-five (45) days of service at a total contract cost of \$45,540.00. Chairman Gerentine called for a motion. On a motion of Commissioner Higgins seconded by Vice Chairman Ramaglia, the following was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 016-003Resolution Date: January 19, 2016

WHEREAS, the New York State Bridge Authority has determined that it is in the public interest to issue a second purchase order extension to Community Custom Services for the purchase of System-wide Street Sweeping Services (BA-2013-OE-004-OT); and

WHEREAS, the Authority's Engineering Department had publicly advertised the opportunity for this service in the NYS Contract Reporter with the right to extend the term for up to three (3) additional one (1) year periods due to increases in insurance, fuel costs or prevailing wages; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority authorize that the existing contract BA-2013-OE-114-OT be extended for its second year to Community Custom Services for System-wide Street Sweeping Services at a rate of \$1,012.00 per day with a total purchase order not to exceed the amount of \$45,540.00 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 19th day of January, 2016.

Joseph Ruggiero, Secretary

2) Sidewalk & Railing Replacement Bid Award – BA-2014-RE-102-CM

Mr. Wright reported to the Board that the Authority advertised this project in the NYS Contract Reporter with bids due November 5th, 2015. Fourteen (14) contractors requested bid documents with two bids received. Piasecki Steel Construction Corporation submitted the low bid of \$5,362,400.00. Chairman Gerentine called for a motion. On a motion of Commissioner Lashua, seconded by Commissioner Higgins, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 016-004

Resolution Date: January 19, 2016

WHEREAS, bids were solicited through the New York State Contract Reporter for the contract entitled Rip Van Winkle Bridge "Sidewalk & Railing Replacement" as (BA2014-RE-102-CM) and 2 bids were received on November 5, 2015, the low bidder being Piasecki Steel Construction Corp. ("Piasecki") at \$5,362,400.00 and Cianbro Corporation ("Cianbro") submitted a bid of \$7,285,150.00, a difference of \$1,922,750.00; and

WHEREAS, the New York State Bridge Authority established an overall participation goal of 30% for certified Minority and Women-owned Business Enterprises ("MWBE"), 18% participation goal for certified Women-owned Business Enterprises ("WBE") and 12% participation goal for certified Minority-owned Business Enterprises ("MBE"); and

WHEREAS, Piasecki submitted a utilization plan listing 0% MBE participation and .67% WBE participation. Cianbro submitted a utilization plan listing 12.01% MBE participation and 18.09% WBE participation; and

WHEREAS, review of both utilization plans indicates that the overall MWBE goal may not be realistically attainable at a reasonable price, partly due to the lack of certified MWBEs available in the major bridge repair and maintenance business (based on the current availability of qualified MBEs and WBEs). In comparing Piasecki's utilization plan with Cianbro's utilization plan, one WBE—Donnelly Construction Inc. raises issues. Cianbro includes a \$695,000.00 value for renting or purchasing an under bridge inspection truck. This value appears to be substantially more than a commercially available purchase of same and appears to be used to inflate the WBE percentage. There is no reasonable explanation why the truck would have any lasting economic value for the New York State Bridge Authority and should not be used as part of the utilization plan; and

WHEREAS, Cianbro proposes to utilize Baseline Supply, LLC ("Baseline"), a WBE, to furnish steel grid deck for \$622,944.00. Piasecki investigated utilizing Baseline, but determined that Baseline does not own or operate a fabrication facility and would be acting solely as a trade agent or broker. Piasecki contacted 27 MWBE firms for the concrete filled steel grid

sidewalk fabrication; only 1, Baseline, responded with a price quote which was \$120,000.00 higher than the non-MWBE bid by Bailey Bridge, Inc. 26 declined to bid or did not respond. It is unknown what company would actually create the steel grid deck submitted by Baseline; and

WHEREAS, Cianbro proposes to utilize Iroquois Bar Corp. ("Iroquois"), an MBE, to furnish steel railing for \$875,000.00. Piasecki contacted 16 M/WBE firms for the railing fabrication; 5 responded with price quotes and 11 declined to bid or did not respond. Iroquois did not respond to Piasecki's solicitation. B&B Ironwork of Dutchess LLC ("B&B"), an MBE, responded to Piasecki with the lowest quote out of all MWBEs. Piasecki had previously worked with B&B on a Thruway project where its purchase order was revoked due to non-compliance with material certifications, fabrication standards and delivery schedules. The other 4 quotes were \$500,000.00 or more than the B&B quote; the B&B quote was \$80,000.00 higher than the non-MWBE bid submitted with the Piasecki bid; and

WHEREAS, Piasecki filed written letters dated December 11, 2015 and January 12, 2016 setting forth the reasons for its inability to meet any or all of the participation requirements together with an explanation of the efforts undertaken to meet the MWBE participation goal; and

WHEREAS, in consideration of the following, Piasecki has submitted evidence to demonstrate "good faith efforts" pursuant to 5 NYCRR 142.8 and Executive Law § 313(7) to meet the MWBE participation goals of the contract, as follows:

1. MWBE Solicitation Log submitted by Piasecki shows Piasecki's attempt to contact 56 MWBEs via phone and/or email. Of the 56 MWBEs contacted, only 10 submitted quotations, 3 of which were included on Piasecki's utilization plan;
2. The remaining 7 MWBEs that submitted quotations were not selected by Piasecki because it deemed that they were not responsible and/or competitive based on the fact that utilization of the MWBEs would substantially increase total costs, the fact that some MWBEs did not provide quotations until after Piasecki submitted its bid, and unsatisfactory work by an MBE on a previous contract with Piasecki;

and

WHEREAS, after further review of the cost proposal by the Engineering Department, it is recommended that a contract be awarded to Piasecki.

NOW THEREFORE, BE IT RESOLVED, that the New York State Bridge Authority with Piasecki will seek a partial waiver pursuant to 5 NYCRR § 142.7 of the 18% WBE participation goal and a full waiver of the 12% MBE participation goal on the basis of Piasecki's good faith efforts to achieve higher MWBE utilization, the unreasonably high MWBE subcontractor/supplier quotations, and the extremely specialized nature of the work required under the contract; and

BE IT FURTHER RESOLVED, that the Board of Commissioners of the New York State Bridge Authority approve and award the contract to Piasecki in

the amount of \$5,362,400.00 once the waiver is approved as being the lowest responsible bid; 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 19th day of January, 2016.

Joseph Ruggiero, Secretary

3) NBB Steel and Deck Repairs and MHB Steel repairs – Design BA-2016-103-DE

Mr. Wright recommended this project to the Board as a Supplemental Agreement under M&M's current General Consultant Agreement, which will take care of the 2015 bridge inspection findings and keep the NBB North Span deck in fair condition until its replacement, which is scheduled for 2021. M&M's scope and cost proposal is \$236,750.00. Chairman Gerentine called for a motion. On a motion of Vice Chairman Ramaglia, seconded by Commissioner Higgins, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 016-005

Resolution Date: January 19, 2016

WHEREAS, the New York State Bridge Authority has determined it is in the public interest to award a professional services contract for the design of the "Mid-Hudson/Newburgh-Beacon Bridge North Span Deck Shoring and Repairs" project (BA-2016-RE-103-DE); and

WHEREAS, the Authority has determined that our General Consultant, Modjeski & Master, under their current term agreement, is uniquely qualified for this assignment; and

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

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority award a Supplemental Agreement to Modjeski & Masters, Inc., of Poughkeepsie, New York to provide professional services at a not-to-exceed cost of \$236,750.00; 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 19th day of January, 2016.

Joseph Ruggiero, Secretary

4) Fourth Quarter 2015 Traffic Accident Summary Report

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

5) Jobs In Monthly Progress

Mr. Wright advised the Board regarding the Engineering Jobs in Progress Report for the month of December. Mr. Wright anticipates shop drawing submittals to begin shortly regarding the Rip Van Winkle Bridge Railing project. Mr. Wright also mentioned the contractor is submitting shop drawings regarding the Walkway Over the Hudson Railing rehab project as well. Chairman Gerentine called for a motion. On a motion of Commissioner Higgins, seconded by Commissioner Lashua, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 016-006

Resolution Date: January 19, 2016

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 19th day of January 2016.

Joseph Ruggiero, Secretary

FINANCIAL:1) Investment Transaction Report

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

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 016-007Resolution Date: January 19, 2016

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 December 17, 2015; 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 19th day of January, 2016.

Joseph Ruggiero, Secretary

2) Insurance Fund Balance Determination

Mr. Bushek indicated to the Board that per requirements of its General Revenue Bond Resolution, the Authority maintains insurance policies to protect it against various risks. Where insurance carries a significant deductible, such as with the property damage and loss of revenue policy on the bridges, the Authority has determined to deposit in the Insurance Fund an amount necessary to cover the deductible. As evidenced by the Professional Certificate from Modjeski & Masters, Inc., independent Consulting Engineer, the Insurance Fund balance necessary to equal the deductible amount is now \$10,441,000, determined by multiplying the \$348,030,000 replacement value of the South Span at Newburgh-Beacon by the 3% deductible amount. As such, Mr. Bushek proposed increasing the Insurance Fund balance to \$10,441,000.00. Chairman Gerentine called for a motion. On a motion of Vice Chairman Ramaglia, seconded by Commissioner Higgins, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 016-008

Resolution Date: January 19, 2016

WHEREAS, the Board has reviewed the report relative to determining the adequate balance in the Insurance Fund; now therefore and,

BE IT RESOLVED, that the balance shall be increased from \$10,235,000 for 2015, to \$10,441,000 for 2016 as recommended by the consulting Engineers, Modjeski and Masters, Inc.; 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 19th day of January, 2016.

Joseph Ruggiero, Secretary

3) Accident Review Committee Report – 4th Quarter 2015

Mr. Bushek reported that there were 79 accidents on Authority facilities in the fourth quarter of 2015, compared with 70 the previous year. During this period there was 1 accident involving Authority personnel, this compares to 5 during the fourth quarter 2014. For the year, the total number of accidents, 310, was higher than the 277 experienced in 2014, a 12% increase. This translates into an accident roughly every 194,000 crossings. No action required by the Board.

Bridge Operations:

1) Transcom Annual Assessment

Mr. Ferguson indicated to the Board that the 2016 invoice for the Authority's membership contribution to TRANSCOM was received. The invoiced amount of \$67,280.00 is consistent with their 2016 budget, which was unanimously approved by the TRANSCOM Board in September. The Authority's annual contribution remains at 1.96% of TRANSCOM's overall operations cost and reflects no increase over 2015. This amount is budgeted for in the 2016 operating budget at each bridge (.8218 – Traffic Control). Chairman Gerentine called for a motion. On a motion of Commissioner Higgins, seconded by Vice Chairman Ramaglia, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 016-009

Resolution Date: January 19, 2016

WHEREAS, the Authority has reviewed the memorandum and invoice regarding the annual membership dues for TRANSCOM; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority approves payment for 2016 TRANSCOM Annual Dues in the amount of \$67,280.00; 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 19th day of January 2016.

Joseph Ruggiero, Secretary

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

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

2) December 2015 Traffic and Revenue Analysis

Mr. Ruggiero noted for the month of December traffic increased 4.53% and revenue increased 4.55%. No action was required by the Board.

3) December 2015 E-ZPass Sales Analysis

Mr. Ruggiero indicated that year-to-date 2015 tag sales were 5,915, compared to 7,596 sold year-to-date 2014. No action was required by the Board.

NEW BUSINESS:1) Extension of Marketing

Mr. Bellucci informed the Board that the agreement with Travelers Marketing to provide comprehensive services to NYSBA for advertising will expire on January 31, 2016. The Agreement provides the option for two 2-year renewals under the terms of the agreement. Travelers has worked with the Authority for the last five years and has generated more than \$750,000.00 in revenue with annual net revenue projected at approximately \$150,000 per year. In addition, Travelers has worked well with Authority personnel regarding installations and in accommodating our requirements. Mr. Bellucci recommended that the Authority extend the existing agreement for a two-year period. Chairman Gerentine called for a motion. On a motion of Vice Chairman Ramaglia, seconded by Commissioner Higgins, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 016-010

Resolution Date: January 19, 2016

WHEREAS, the NYS Bridge Authority works to maximize revenues through all reasonable and responsible means to insure the proper maintenance and operation of the critical infrastructure under its stewardship; and,

WHEREAS, the Board of Commissioners awarded BA-2010-OA-017-PS to Travelers Marketing on January 20, 2011 for a License Agreement to propose, design, sell and implement a non-toll revenue program at no cost to the Authority for a period of five years with an option for two two-year renewals; and,

WHEREAS, Travelers Marketing has generated substantial net revenue for the Authority since the inception of the License Agreement with current revenue expected to be about \$150,000 per year; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority authorizes the renewal of the License Agreement with Travelers Marketing for a two-year period encompassing February 1, 2016 thru January 31, 2018; 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 19th day of January, 2016.

Joseph Ruggiero, Secretary

This concluded the regular meeting. Chairman Gerentine asked for a motion to adjourn the meeting. On a motion of Commissioner Lashua, seconded by Vice Chairman Ramaglia, and approved unanimously, the regular meeting adjourned at 3:40 P.M.

The next regular Meeting of the Board of Commissioners meeting is scheduled for February 18, 2015 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 issue a purchase order to Robert Green Truck Division of Rock Hill, New York for the purchase of one (1) 2016 Dodge Ram 5500 HD Chassis/Cab 4x2 equipped with a Dur-A-Lift model DPM 36DU aerial body; and

WHEREAS, the Authority has determined that Robert Green Truck Division has the NYS OGS contract award #PC66589; and

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

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority approve issuing a purchase order to Robert Green Truck Division for the purchase of one (1) 2016 Dodge Ram 5500 HD Chassis/Cab 4x2 equipped with a Dur-A-Lift model DPM 36DU aerial body in the amount of \$126,322.30; 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 February, 2016.

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 issue a purchase order to Robert Green Truck Division of Rock Hill, New York for the purchase of one (1) 4WD small dump truck; and

WHEREAS, there is no current OGS contract for this equipment and Onondaga County Department of Purchasing has publicly advertised and awarded the procurement of the 2016 Dodge Ram 3500 DD8L63 4WD Regular Cab and upfitter equipment as Onondaga County Bid #7974; and

WHEREAS, New York State General Municipal Law allows for the Authority's shared utilization of another agency's publicly advertised and awarded contract; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority approve issuing a purchase order to Robert Green Truck Division for the purchase of one (1) 2016 Dodge Ram 3500 DD8L63 4WD Regular Cab and upfitter equipment in the amount of \$44,281.00; 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 18th day of February, 2016.

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 procure Type II treated winter deicing salt for the 2016 winter season; and

WHEREAS, the Authority has previously purchased this product through the NYS OGS contract, which is in place through September 30, 2016; and

WHEREAS, Morton Salt, Inc., of Chicago, Illinois provided the low quote; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority approve issuing five purchase orders, one for each facility, with a total amount not to exceed \$128,880.30; 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 February, 2016.

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 procure Type II treated winter deicing salt for the 2016 winter season; and

WHEREAS, the Authority has previously purchased this product through the NYS OGS contract, which is in place through September 30, 2016; and

WHEREAS, Morton Salt, Inc., of Chicago, Illinois provided the low quote; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority approve issuing five purchase orders, one for each facility, with a total amount not to exceed \$128,880.30; 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 February, 2016.

Joseph Ruggiero, Secretary

Scope of Work for In-House Capital Projects for 2016

Rip Van Winkle Bridge

Projects for BA-2016-RE-104-CM

- **CM.1 – Electrical Upgrades and 2” Conduit across span:** A 2” rigid steel conduit will continue to be run from abutment to abutment with junction boxes at expansion joints for future electric or fiber. Lighting and electrical upgrades will also be made. This work is a continuation of the last two years
- **CM.2 - Bridge Office and Maintenance Garage Remodeling and Weatherization Improvements:** Masonry parapets require re-pointing and reattachment of coping stones on both buildings. Remodeling will be done inside the buildings
- **CM.3 - Refurbishing Surplus Boat:** A boat acquired through Federal Surplus will be repaired and made operational. Fiberglass and motor repairs are complete, but electronics and finish work is necessary
- **CM.4 - RVWB Bridge Painting:** Bridge components will be chipped and a three coat system of elastomeric paint will be applied as needed. Man hours are estimated. All rigging for access must be included in hours
- **CM.5 - RVWB Bridge Safety Upgrades:** New safety cables will be installed where necessary and a program of replacing deteriorated catwalk plates will continue. Man hours are estimated.
- **CM.6 - RVWB Bi-Annual Bridge Inspection Support:** The maintenance department will utilize the Authorities A-62 Under Bridge Inspection vehicle to assist the bridge inspectors in reaching all bridge components. The traffic control for this work will also be included.
- **CM.7 - RVWB Energy Saving Upgrades, Including Alternative Energy Implementation:** New technology will be installed where applicable and a program of implementing alternative energy will be included. Devices for saving electricity and energy will be installed.

Kingston Rhinecliff Bridge

Projects for BA-2016-RE-104-CM

- CM.8-
- CM.9 -
- CM.10 – East Approach Drainage Improvements: This will include installation of culvert pipes and rip rap in current swales which are difficult to maintain.
- CM.11 - Bridge Office and Maintenance Garage Remodeling and Weatherization Improvements: Masonry parapets require re-pointing and reattachment of coping stones on both office and maintenance buildings. Some remodeling inside the buildings will also be included
- CM.12 - KRB Bridge Painting: Bridge components will be chipped and a three coat system of elastomeric paint will be applied as needed. Man hours are estimated. All rigging for access must be included in hours
- CM.13 - KRB Bridge Safety Upgrades: A program of replacing deteriorated catwalk plates, access hatches and pier doors will continue. A small amount of pier repointing remains from last year. Man hours are estimated.
- CM.14 - KRB Plug Joint Repairs: A program of replacing deteriorated asphaltic bridge joints will continue. Areas identified in the annual report will be addressed
- CM.15 - KRB Energy Saving Upgrades, Including Alternative Energy Implementation: New technology will be installed where applicable and a program of implementing alternative energy will be included.

Mid-Hudson Bridge

Projects for BA-2016-RE-104-CM

- **CM.16 - Traveler Upgrades:** Specialized work will be done by American Crane, the system manufacturer. The electrical components such as conduits and junction boxes need to be replaced with new stainless components. The skew sensors will be upgraded.
- **CM.17 -**
- **CM.18 -**
- **CM.19 - New Maintenance Garage Furnishing and Equipment Install:** Benches, cabinets and storage areas will be constructed by the maintenance department. Walls will be built between work areas under the mezzanine. Man hours are estimated
- **CM.20 -**
- **CM.21 - House 1 Training Center:** A new entrance will be constructed to replace the existing stairs and a handicap accessible ramp will be constructed. Repairs will be made to the basement access stairwell. Man hours are estimated
- **CM.22 - MHB Bi-Annual Bridge Inspection Support:** The maintenance department will utilize the Authorities A-62 Under Bridge Inspection vehicle to assist the bridge inspectors in reaching all bridge components. The traffic control for this work will also be included.
- **CM.23 - MHB Bridge Painting:** Bridge components will be chipped and a three coat system of elastomeric paint will be applied as needed. Man hours are estimated. All rigging for access must be included in hours
- **CM.24 - MHB Bridge Safety Upgrades:** A program of replacing broken guide rail post mounting bolts will continue. Steel slides on South sidewalk will be worked on. Areas identified in the annual report will be addressed.
- **CM.25 - MHB Plug Joint Repairs:** A program of replacing deteriorated asphaltic bridge joints will continue. Areas identified in the annual report will be addressed.
- **CM.26 - MHB Energy Saving Upgrades, Including Alternative Energy Implementation:** New technology will be installed where applicable and a program of implementing alternative energy will be included. New windows will be installed in the HQ building
- **CM.27 - West Approach median barrier transition:** New precast concrete barrier sections will be purchased and installed to replace deteriorated existing barrier at the bottom of the hill. NYSBA will assist emergency contractor, who will purchase and set in place, by providing traffic control.

WOTH Bridge

Projects New for BA-2016-RE-104-CM

- **CM.28 - Approach Vegetation Control:** The approaches under the bridge have been cleared by a crew of summer interns and contracted goats. Additional cutting of larger trees is necessary, with some work needing to be outsourced. Areas under pier bents will be leveled and vegetation controls will be implemented. Fences will be repaired and or replaced.
- **CM.29 - WOTH Bridge Safety Upgrades:** Authority men and equipment will be utilized to remove old deteriorated safety cables, staging and work platforms. Man hours are estimated. Authority will support any emergency repair contractors with manpower and specialized equipment.

Newburgh-Beacon Bridge

Projects for BA-2016-RE-104-CM

- CM.30 -
- CM.31 - Electrical & Communication Cable Tray Installation: A new fiber optic system utilizing the old electrical tray, inner duct and hard piping will be designed and installed on the South span. This new fiber optic system will solve problems associated with the existing fiber optic lines.
- CM.32 - Roadway Sign Improvements: A program of replacing weathered signs and installation of new sign systems will be carried out. Man hours are estimated
- CM.33 -
- CM.34- LED Street lighting: New LED street lights will be installed on the North span and both approaches to replace existing, resulting in substantial power savings
- CM.35 - North Span Overlay Repairs: This project repairs areas where the overlay has deteriorated and cracked. The areas will be repaired with fast setting concrete placed by in-house maintenance workers or a combination of contractor and in-house maintenance workers
- CM.36 - NBB Bridge Painting: Steel barrier on the North span will be chipped and three coat paint system paint will be applied. Man hours are estimated. All rigging for access must be included in hours. This work is part of a multi-year project to restore the barrier. Work on gusset plates and connections on the South span bottom chord will be a priority.
- CM.37 - NBB Bridge Safety Upgrades: A program of addressing safety items identified in the annual report will continue. Man hours are estimated
- CM.38 - Salt Shed Construction: A new larger salt shed will be constructed in closer proximity to the loading dock. Structure to be a steel supported fabric structure mounted on top of 40' containers with a precast concrete bin system inside the structure with an asphalt base
- CM.39 - NBB Water System: A water pumping system will be installed to pump river water up to a distribution line on the catwalk. This system will allow maintenance to wash the West end of the bridge without utilizing water trucks. A similar system was installed on MHB in the past.
- CM.40 - NBB Star Bldg./Salt Shed Rehabilitation/Ranch House: New roofing will be installed on the existing salt shed. The roof leaks will be addressed on the lower Star building, the building will be insulated with spray foam and new energy efficient furnaces will be installed. The loading ramp and entrances to the Ranch House storage building will be rebuilt
- CM.41 - NBB Energy Saving Upgrades, Including Alternative Energy Implementation: New technology will be installed where applicable and a program of implementing alternative energy will be included. Point of source water heaters and motion detecting light switches are some areas to be addressed.

Bear Mountain Bridge

Projects for BA-2016-RE-104-CM

- **CM.42 - Bridge Flag Hoisting Apparatus:** A system of hand winches and steel cables will be designed and installed for raising and lowering the large flag situated at the West tower.
- **CM.43 - BMB Structural Steel Repairs:** This project continues ongoing reinforcements to floor beam flanges and end weld removal on cover plates.
- **CM.44 - BMB Bi-Annual Bridge Inspection Support:** The maintenance department will utilize the Authorities A-62 Under Bridge Inspection vehicle to assist the bridge inspectors in reaching all bridge components. The traffic control for this work will also be included.
- **CM.45 - BMB Bridge Painting:** Bridge components will be chipped and a three coat system of elastomeric paint will be applied as needed. Man hours are estimated. All rigging for access must be included in hours
- **CM.46 - BMB Bridge Safety Upgrades:** A program of repairing safety items identified in the annual report will continue. Installing new GFI receptacles and boxes. Man hours are estimated
- **CM.47 - BMB Cable Monitoring** This project will monitor the tension of the cable band bolts and the humidity inside the cable anchorages. The cost of the outside service for acoustically monitoring the bridge cable will also be included in this project.
- **CM.48 - BMB Plug Joint and Wearing Surface Repairs:** A program of replacing deteriorated asphaltic bridge joints will continue. Wearing surface areas identified in the annual report will be addressed
- **CM.49 - BMB Energy Saving Upgrades, Including Alternative Energy Implementation:** New technology will be installed where necessary and a program of implementing alternative energy will be included.

2016 IN-HOUSE CAPITAL PROJECTS

RIP VAN WINKLE BRIDGE

PROJECT NUMBER	PROJECT DESCRIPTION	Needed?	In-House Capability?	ESTIMATED COST	
				In-House	Out-Sourced
BA-2016-RE-104-CM.1	<u>Electrical Upgrades and 2" Conduit across span:</u> A 2" rigid steel conduit will continue to be run from abutment to abutment with junction boxes at expansion joints for future electric or fiber. Lighting and electrical upgrades will also be made. This work is a continuation of the last two years	YES	YES	\$36,342	\$76,000
BA-2016-RE-104-CM.2	<u>Bridge Office and Maintenance Garage Remodeling and Weatherization Improvements:</u> Masonry parapets require re-pointing and reattachment of coping stones on both buildings. Remodeling will be done inside the buildings	YES	YES	\$12,614	\$36,300
BA-2016-RE-104-CM.3	<u>Refurbishing Surplus Boat:</u> A boat acquired through Federal Surplus will be repaired and made operational. Fiberglass and motor repairs are complete, but electronics and finish work is necessary	YES	YES	\$7,061	\$15,000
BA-2016-RE-104-CM.4	<u>RVWB Bridge Painting:</u> Bridge components will be chipped and a three coat system of elastomeric paint will be applied as needed. Man hours are estimated. All rigging for access must be included in hours.	YES	YES	\$47,070	\$113,400
BA-2016-RE-104-CM.5	<u>RVWB Bridge Safety Upgrades:</u> New safety cables will be installed where necessary and a program of replacing deteriorated catwalk plates will continue. Man hours are estimated.	YES	YES	\$18,528	\$45,000
BA-2016-RE-104-CM.6	<u>RVWB Bi-Annual Bridge Inspection Support:</u> The maintenance department will utilize the Authorities A-62 Under Bridge Inspection vehicle to assist the bridge inspectors in reaching all bridge components. The traffic control for this work will also be included	YES	YES	\$23,795	\$47,400
BA-2016-RE-104-CM.7	<u>RVWB Energy Saving Upgrades, Including Alternative Energy Implementation:</u> New technology will be installed where applicable and a program of implementing alternative energy will be included. Devices for saving electricity and energy will be installed.	YES	YES	\$3,123	\$5,500
TOTALS				\$148,533	\$338,600

2016 IN-HOUSE CAPITAL PROJECTS

Kingston Rhinecliff Bridge

PROJECT NUMBER	PROJECT DESCRIPTION	Needed?	In-House Capability?	ESTIMATED COST	
				In-House	Out-Sourced
BA-2016-RE-104-CM.10	East Approach Drainage Improvements: This will include installation of culvert pipes and rip rap in current swales which are difficult to maintain	YES	YES	\$20,077	\$21,400
BA-2016-RE-104-CM.11	Bridge Office and Maintenance Garage Remodeling and Weatherization Improvements: Masonry parapets require re-pointing and reattachment of coping stones on both office and maintenance buildings. Some remodeling inside the buildings will be included.	YES	YES	\$13,902	\$32,900
BA-2015-RE-104-CM.12	KRB Bridge Painting: Bridge components will be chipped and a three coat system of elastomeric paint will be applied as needed. Man hours are estimated. All rigging for access must be included in hours	YES	YES	\$62,684	\$143,500
BA-2015-RE-104-CM.13	KRB Bridge Safety Upgrades: A program of replacing deteriorated catwalk plates, access hatches and pier doors will continue. A small amount of pier repointing remains from last year. Man hours are estimated.	YES	YES	\$32,804	\$70,300
BA-2015-RE-104-CM.14	KRB Plug Joint Repairs: A program of replacing deteriorated asphaltic bridge joints will continue. Areas identified in the annual report will be addressed	YES	YES	\$21,111	\$41,500
BA-2015-RE-104-CM.15	KRB Energy Saving Upgrades, Including Alternative Energy Implementation: New technology will be installed where applicable and a program of implementing alternative energy will be included.	YES	YES	\$8,247	\$13,500
TOTALS				\$158,825	\$323,100

2016 IN-HOUSE CAPITAL PROJECTS

MID-HUDSON BRIDGE

PROJECT NUMBER	PROJECT DESCRIPTION	Needed?	In-House Capability?	ESTIMATED COST	
				In-House	Out-Sourced
BA-2016-RE-104-CM.16	Traveler Upgrades: Specialized work will be done by American Crane, the system manufacturer. The electrical components such as conduits and junction boxes need to be replaced with new stainless components. The skew sensors will be upgraded.	YES	YES	\$30,671	\$53,900
BA-2016-RE-104-CM.19	New Maintenance Garage Furnishing and Equipment Install: Benches, cabinets and storage areas will be constructed by the maintenance department. Walls will be built between work areas under the mezzanine. Man hours are estimated	YES	YES	\$8,576	\$18,400
BA-2016-RE-104-CM.21	House 1 Training Center: A new entrance will be constructed to replace the existing stairs and a handicap accessible ramp will be constructed. Repairs will be made to the basement access stairwell. Man hours are estimated	YES	YES	\$10,326	\$20,500
BA-2016-RE-104-CM.22	MHB Bi-Annual Bridge Inspection Support: The maintenance department will utilize the Authorities A-62 Under Bridge Inspection vehicle to assist the bridge inspectors in reaching all bridge components. The traffic control for this work will also be included	YES	YES	\$3,685	\$7,100
BA-2016-RE-104-CM.23	MHB Bridge Painting: Bridge components will be chipped and a three coat system of elastomeric paint will be applied as needed. Man hours are estimated. All rigging for access must be included in hours	YES	YES	\$46,070	\$112,200
BA-2016-RE-104-CM.24	MHB Bridge Safety Upgrades: A program of replacing broken guide rail post mounting bolts will continue. Steel slides on South sidewalk will be worked on. Areas identified in the annual report will be addressed.	YES	YES	\$33,842	\$83,200

2016 IN-HOUSE CAPITAL PROJECTS

MID-HUDSON BRIDGE

PROJECT NUMBER	PROJECT DESCRIPTION	Needed?	In-House Capability?	ESTIMATED COST	
				In-House	Out-Sourced
BA-2016-RE-104-CM.25	MHB Plug Joint Repairs: A program of replacing deteriorated asphaltic bridge joints will continue. Areas identified in the annual report will be addressed.	YES	YES	\$6,697	\$12,300
BA-2016-RE-104-CM.26	MHB Energy Saving Upgrades, Including Alternative Energy Implementation: New technology will be installed where applicable and a program of implementing alternative energy will be included. New windows will be installed in the HQ building	YES	YES	\$16,564	\$24,000
BA-2016-RE-104-CM.27	West Approach Median Barrier Transition: New precast concrete barrier sections will be purchased and installed to replace deteriorated existing barrier at the bottom of the hill. NYSBA will assist emergency contractor, who will purchase and set in place, by providing traffic control.	YES	YES	\$4,196	\$9,300
	TOTALS			\$160,627	\$340,900

2016 IN-HOUSE CAPITAL PROJECTS

WALKWAY OVER THE HUDSON

PROJECT NUMBER	PROJECT DESCRIPTION	Needed?	In-House Capability?	ESTIMATED COST	
				In-House	Out-Sourced
BA-2016-RE-104-CM.28	Approach Vegetation Control: The approaches under the bridge have been cleared by a crew of summer interns. Additional cutting of larger trees is necessary, with some work needing to be outsourced. Areas under pier bents will be leveled and vegetation controls will be implemented. Fences will be repaired and/or replaced.	YES	YES	\$55,476	\$95,300
BA-2016-RE-104-CM.29	WOTH Bridge Safety Upgrades: Authority men and equipment will be utilized to remove old deteriorated safety cables, staging and work platforms. Man hours are estimated. Authority will support any emergency repair contractors with manpower and specialized equipment.	YES	YES	\$14,114	\$28,300
				\$69,590	\$123,600

2016 IN-HOUSE CAPITAL PROJECTS

NEWBURGH-BEACON BRIDGES

PROJECT NUMBER	PROJECT DESCRIPTION	Needed?	In-House Capability?	ESTIMATED COST	
				In-House	Out-Sourced
BA-2016-RE-104-CM.31	<u>Electrical & Communication Cable Tray Installation:</u> A new cable tray system will be designed and installation will begin with trial typical installation at different locations on the North span. This new cable tray will solve problems associated with electrical shorts damaging the fiber optic lines.	YES	YES	\$18,671	\$39,500
BA-2016-RE-104-CM.32	<u>Roadway Sign Improvements:</u> A program of replacing weathered signs and installation of new sign systems will be carried out. Man hours are estimated.	YES	YES	\$6,057	\$13,400
BA-2016-RE-104-CM.34	<u>LED Street lighting:</u> New LED street lights will be installed on the North span and both approaches to replace existing, resulting in substantial power savings	YES	YES	\$34,899	\$81,700
BA-2016-RE-104-CM.35	<u>North Span Overlay Repairs:</u> This project repairs areas where the overlay has deteriorated and cracked. The areas will be repaired with fast setting concrete placed by in-house maintenance workers or a combination of contractor and in-house maintenance workers.	YES	YES	\$51,570	\$118,800
BA-2016-RE-104-CM.36	<u>NBB Bridge Painting:</u> Steel barrier on the North span will be chipped and three coat paint system paint will be applied. Man hours are estimated. All rigging for access must be included in hours. This work is part of a multi-year project to restore the barrier. Work on gusset plates and connections on the South span bottom chord will be a priority.	YES	YES	\$66,459	\$138,100

2016 IN-HOUSE CAPITAL PROJECTS

NEWBURGH-BEACON BRIDGES

PROJECT NUMBER	PROJECT DESCRIPTION	Needed?	In-House Capability?	ESTIMATED COST	
				In-House	Out-Sourced
BA-2016-RE-104-CM.37	NBB Bridge Safety Upgrades: A program of addressing safety items identified in the annual report will continue. Manhours are estimated.	YES	YES	\$24,285	\$57,600
BA-2016-RE-104-CM.38	Salt Shed Construction: A new larger salt shed will be constructed in closer proximity to the loading dock. Structure to be a steel supported fabric structure mounted on top of 40' containers with a precast concrete bin system inside the structure with an asphalt base	YES	YES	\$84,175	\$119,700
BA-2016-RE-104-CM.39	NBB Water System: A water pumping system will be installed to pump river water up to a distribution line on the catwalk. This system will allow maintenance to wash the West end of the bridge without utilizing water trucks. A similar system was installed on MHB in the past.	YES	YES	\$13,691	\$25,500
BA-2016-RE-104-CM.40	NBB Star Bldg./Salt Shed/Ranch House Rehabilitation: New roofing will be installed on the existing salt shed. The roof leaks will be addressed on the lower Star building, the building will be insulated with spray foam and new energy efficient furnaces will be installed. The loading ramp and entrances to the Ranch House storage building will be rebuilt	YES	YES	\$12,046	\$19,300
BA-2016-RE-104-CM.41	NBB Energy Saving Upgrades, Including Alternative Energy Implementation: New technology will be installed where applicable and a program of implementing alternative energy will be included. Point of source water heaters and motion detecting light switches are some areas to be addressed.	YES	YES	\$7,685	\$13,100
	TOTALS			\$319,538	\$626,700

2016 IN-HOUSE CAPITAL PROJECTS

BEAR MOUNTAIN BRIDGE

PROJECT NUMBER	PROJECT DESCRIPTION	Needed?	In-House Capability?	ESTIMATED COST	
				In-House	Out-Sourced
BA-2016-RE-104-CM.42	Bridge Flag Hoisting Apparatus: A system of hand winches and steel cables will be designed and installed for raising and lowering the large flag situated at the West tower.	YES	YES	\$7,691	\$18,300
BA-2016-RE-104-CM.43	BMB Structural Steel Repairs: This project continues ongoing reinforcements to floor beam flanges and end weld removal on cover plates.	YES	YES	\$12,037	\$28,100
BA-2016-RE-104-CM.44	BMB Bi-Annual Bridge Inspection Support: The maintenance department will utilize the Authorities A-62 Under Bridge Inspection vehicle to assist the bridge inspectors in reaching all bridge components. The traffic control for this work will also be included.	YES	YES	\$18,016	\$37,600
BA-2016-RE-104-CM.45	BMB Bridge Painting: Bridge components will be chipped and a three coat system of elastomeric paint will be applied as needed. Man hours are estimated. All rigging for access must be included in hours	YES	YES	\$63,412	\$167,200
BA-2016-RE-104-CM.46	BMB Bridge Safety Upgrades: A program of repairing safety items identified in the annual report will continue. Man hours are estimated	YES	YES	\$5,768	\$13,800
BA-2016-RE-104-CM.47	Cable Monitoring: This project will monitor the tension of the cable band bolts and the humidity inside the cable. The cost of the outside service for acoustically monitoring the bridge cable will also be included in this project.	YES	YES	\$29,673	\$37,900
BA-2016-RE-104-CM.48	BMB Plug Joint and Wearing Surface Repairs: A program of replacing deteriorated asphaltic bridge joints will continue. Wearing surface areas identified in the annual report will be addressed	YES	YES	\$4,196	\$9,300
BA-2016-RE-104-CM.49	BMB Energy Saving Upgrades, Including Alternative Energy Implementation: New technology will be installed where necessary and a program of implementing alternative energy will be included.	YES	YES	\$2,124	\$4,300
				\$142,917	\$316,500

Sub Total: \$1,000,030

Engineering Dept. Salaries/Capital Projects \$250,000

Grand Total - All Bridges, All Projects \$1,250,030 \$2,069,400

2016 IN-HOUSE CAPITAL PROJECTS

BEAR MOUNTAIN BRIDGE

PROJECT NUMBER	PROJECT DESCRIPTION	Needed?	In-House Capability?	ESTIMATED COST	
				In-House	Out-Sourced
BA-2016-RE-104-CM.42	Bridge Flag Hoisting Apparatus: A system of hand winches and steel cables will be designed and installed for raising and lowering the large flag situated at the West tower.	YES	YES	\$7,691	\$18,300
BA-2016-RE-104-CM.43	BMB Structural Steel Repairs: This project continues ongoing reinforcements to floor beam flanges and end weld removal on cover plates.	YES	YES	\$12,037	\$28,100
BA-2016-RE-104-CM.44	BMB Bi-Annual Bridge Inspection Support: The maintenance department will utilize the Authorities A-62 Under Bridge Inspection vehicle to assist the bridge inspectors in reaching all bridge components. The traffic control for this work will also be included.	YES	YES	\$18,016	\$37,600
BA-2016-RE-104-CM.45	BMB Bridge Painting: Bridge components will be chipped and a three coat system of elastomeric paint will be applied as needed. Man hours are estimated. All rigging for access must be included in hours	YES	YES	\$63,412	\$167,200
BA-2016-RE-104-CM.46	BMB Bridge Safety Upgrades: A program of repairing safety items identified in the annual report will continue. Man hours are estimated	YES	YES	\$5,768	\$13,800
BA-2016-RE-104-CM.47	Cable Monitoring: This project will monitor the tension of the cable band bolts and the humidity inside the cable. The cost of the outside service for acoustically monitoring the bridge cable will also be included in this project.	YES	YES	\$29,673	\$37,900
BA-2016-RE-104-CM.48	BMB Plug Joint and Wearing Surface Repairs: A program of replacing deteriorated asphaltic bridge joints will continue. Wearing surface areas identified in the annual report will be addressed	YES	YES	\$4,196	\$9,300
BA-2016-RE-104-CM.49	BMB Energy Saving Upgrades, Including Alternative Energy Implementation: New technology will be installed where necessary and a program of implementing alternative energy will be included.	YES	YES	\$2,124	\$4,300
				\$142,917	\$316,500

Sub Total - All Bridges, All Projects: \$1,000,030

Engineering Dept. Salaries/Capital Projects \$250,000

Grand Total - All Bridges, All Projects \$1,250,030 \$2,069,400

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 authorize the in-house capital projects as recommended by the Authority's Consulting Engineer; and

WHEREAS, the Authority continues to invest in cost savings measures utilizing our in-house maintenance skills wherever practical; the projected savings generated by performing these tasks in-house versus by contract is \$1,069,370.00; and

WHEREAS, the scope of work for these projects has been developed by the Engineering and Maintenance department and determined to be necessary for the continued safe and efficient operation of the bridges by the General Consultant; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority authorizes the 2016 In-House Capital Projects in the amount of \$1,250,030.00; 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 18th day of February, 2016.

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 issue a purchase order to Traffic Lane Closures, of Carmel, New York for the purchase of two (2) Ver-Mac 320 Variable Message Boards and two (2) Ver-Mac modems, which include 4 year Sprint cell plans and Jamlogic software; and

WHEREAS, there is no current NYS OGS contract for this equipment and Westchester County Bureau of Purchase and Supplies has publicly advertised and awarded the procurement of Ver-Mac PCMS-320 as Bid #RFB-WC-14087; and

WHEREAS, New York State General Municipal Law allows for the Authority's shared utilization of another agency's publicly advertised and awarded contract; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority approve issuing a purchase order to Traffic Lane Closures for the procurement of two (2) Ver-Mac 320 Variable Message Boards and two (2) Ver-Mac modems, which include 4 year Sprint cell plans and Jamlogic software in the amount of \$30,180.00; 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 18th day of February, 2016.

Joseph Ruggiero, Secretary



**Bridge
Authority**

"ENGINEERING JOBS IN PROGRESS"
COST SUMMARY
January 31, 2016

Prepared
February 2, 2016

<u>BRIDGE FACILITY</u>	<u>SUMMARY</u>				Remarks (Added or Removed)
	Original Award (\$)	Revised Contract (\$)	Revised Prior Month (\$)	Contract Balance (\$)	
RIP VAN WINKLE BRIDGE	\$ 5,778,933	\$ 5,778,933	\$ 395,144	\$ 5,577,983	A - Railing Project
KINGSTON-RHINECLIFF BRIDGE	\$ 158,825	\$ 158,825	\$ 175,159	\$ 158,825	
WALKWAY OVER THE HUDSON	\$ 2,585,717	\$ 2,605,717	\$ 2,873,211	\$ 2,537,787	
MID-HUDSON BRIDGE	\$ 797,427	\$ 797,427	\$ 805,453	\$ 797,427	
NEWBURGH-BEACON BRIDGES	\$ 1,008,618	\$ 1,008,618	\$ 823,849	\$ 1,001,345	
BEAR MOUNTAIN BRIDGE	\$ 317,017	\$ 317,017	\$ 285,479	\$ 316,543	
MULTI-FACILITY PROJECTS	\$ 492,250	\$ 492,250	\$ 492,250	\$ 492,250	
TOTALS	\$ 11,138,787	\$ 11,158,787	\$ 5,850,545	\$ 10,882,160	

Rip Van Winkle Bridge

Engineering "Jobs In Progress" for January 31, 2015

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)	10/13	12/15		\$268,000		\$268,000	\$193,248	\$74,752		
2014-102-CM	Piasecki Steel Construction (Contractor)	1/16	12/17		\$5,362,400		\$5,362,400	\$0	\$5,362,400	0%	0%
	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.

Comments:

The contract with Piasecki Steel Construction is in the process of being executed.

Kingston-Rhinecliff Bridge

Walkway over the Hudson

Engineering "Jobs In Progress" for January 31, 2015

BA2015-RE-010
Walkway over the Hudson Bridge
Railing Rehabilitation

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
15-010-DE	Modjeski & Masters, Inc. (Engineering Study/Design)	10/14 10/15	11/16		\$49,300	\$20,000	\$69,300	\$67,930	\$1,370		
15-014-CM	I & O. A. Slutzky, Inc. (Contractor)	12/15	11/16		\$2,176,827		\$2,176,827	\$0	\$2,176,827	%	%
15-014-SU	Foit-Albert Associates (Construction Inspection)	12/15	11/16		\$250,000		\$250,000	\$0	\$250,000		
15-014-MN	Metro-North – East shoreline (Railroad Flagman Service)		11/16		\$0		\$0	\$00	\$0		
15-014-RR	CSXT – West shoreline (Railroad Flagman Service)	10/15	11/16		\$40,000		\$40,000	\$0	\$40,000		

Description of Work:

At the request of Parks, the Authority & our General Consultant, Modjeski & Masters, performed an investigation of the WOTH precast deck panels beneath the railing posts where several large spalls have developed. Based upon M&M findings it was recommended that the railings be removed and all post anchor bolts be rehabilitated. The scope of work involves railing removal, removal of anchor bolts, removal of un-hardened grout, re-grouting with new anchor bolts as needed, concrete spall repair, epoxy sealing of cracks, removal and replacement of electrical and communication wiring. An agreement has been prepared; in which the Authority will be reimbursed for all cost to administer the project from investigation to final construction.

Comments:

A pre-construction meeting was held early January. Actual construction is anticipated to begin late March with railing removal and resetting being performed at night. Foit-Albert Associates will be providing construction inspection services.

Mid-Hudson Bridge

Engineering "Jobs In Progress" for January 31, 2015

BA2014-RE-105
Mid-Hudson Bridge
Anchorage & Tower Dehumidification

Project No.	Vendor	Award	Start	Sch. Comp.	Comp.	Original Award	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2014-105-CM	Piasecki Steel Construction (Contractor)	12/15	01/16	11/16		\$456,000		\$0	\$456,000	0%	0%
2014-105-DE	Modjeski & Masters, Inc. (Designer)										
	Construction Inspections (In-house)										

Description of Work:

This project consists of work at the Mid-Hudson Bridge anchorage chamber and tower tops in which; the existing dehumidification system is being replaced and the tower system being rehabilitated.

Comments:

The contract has been executed and a preconstruction was held in January. Contract field activities are scheduled to begin in April.

Newburgh-Beacon Bridge

Engineering "Jobs In Progress" for January 31, 2015

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. (Design / Design Support)	11/15	11/15	12/18		\$382,330		\$0	\$382,330		
2016-102-CM	To-Be-Determined (Contractor)										
2016-102-SU	To-Be-Determined (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. Bid documents shall be available for letting in the Fall of this year. Construction activities shall be performed over 2 construction seasons, 2017 & 2018.

Comments:

The design agreement has been executed and the consultant will commence with preliminary design concepts.

Engineering “Jobs In Progress” for January 31, 2015

BA2016-RE-103
Newburgh-Beacon Bridge
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. (Design / Design Support)	1/16	1/16	12/16		\$236,750		\$0	\$236,750		
2016-103-CM	To-Be-Determined (Contractor)										
2016-103-SU	To-Be-Determined (Construction Supervision)										

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:

The design agreement is being executed and the consultant has commenced preliminary design. Project letting is scheduled for April/May.

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
16-RE-104-CM.42	In-House	Bridge Flag Hoisting Apparatus		16-Feb	\$ 7,691	\$ 7,691	\$ 7,691	
16-RE-104-CM.43	In-House	Bridge Structural Steel Repairs		16-Feb	\$ 12,037	\$ 12,037	\$ 11,563	
16-RE-104-CM.44	In-House	Biennial Bridge Inspection Support -2016		16-Feb	\$ 18,016	\$ 18,016	\$ 18,016	
16-RE-104-CM.45	In-House	Bridge Painting Upgrades		16-Feb	\$ 63,412	\$ 63,412	\$ 63,412	
16-RE-104-CM.46	In-House	Bridge Safety Upgrades		16-Feb	\$ 5,768	\$ 5,768	\$ 5,768	
16-RE-104-CM.47	In-House	Cable Monitoring		16-Feb	\$ 29,673	\$ 29,673	\$ 29,673	
16-RE-104-CM.48	In-House	Plug Joint		16-Feb	\$ 4,196	\$ 4,196	\$ 4,196	
16-RE-104-CM.49	In-House	Energy Saving Upgrades		16-Feb	\$ 2,124	\$ 2,124	\$ 2,124	
16-RE-107-CM.7A	In-House	Security Cameras, etc.		16-Feb	\$ -	\$ -	\$ -	
16-RE-101-DE.1	Modjeski & Masters	Main Cable Evaluation, Design		15-Nov	\$ 174,100	\$ 174,100	\$ 174,100	
TOTALS						\$ 317,017	\$ 316,543	

Multi-Facility

Engineering "Jobs In Progress" for January 31, 2015

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	12/18		\$492,250		\$492,250	\$0	\$492,250		
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:

The contract with HVB and the Authority is being executed.

Engineering "Jobs In Progress" for January 31, 2015

BA2017-RE-101 Newburgh-Beacon Bridge 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. (MHB - Design)	11/15	11/15	4/17		\$180,800		\$0	\$180,800		
2017-101-DE.1	Modjeski & Masters, Inc. (BMB - Design)	11/15	11/15	4/17		\$174,100		\$0	\$174,100		
2017-101-CM	To-Be-Determined (Contractor)										
2017-101-SU	To-Be-Determined (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.

Comments:

The design agreement has been executed and the consultant has commenced preliminary design. Project letting is scheduled for October / November with construction to be performed in 2017.

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 February 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: February 18, 2016

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 January 19, 2016; 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 18th day of February, 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: February 18, 2016

WHEREAS, the Board has reviewed the report relative to the payment of the Authority's share of the charges for the administration of the Department of Civil Service as mandated by the Civil Service Law; now therefore and,

BE IT RESOLVED, the New York State Bridge Authority does hereby approve the payment of \$19,993.19 to the Department of Civil Service for the Bridge Authority's share of these costs payable in the year ending March 31, 2016; 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 February, 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: February 18, 2016

WHEREAS, the Board of Commissioners has reviewed the memorandum describing the need to replace three (3) video servers and,

WHEREAS, the Authority will participate in the NYS OGS Contract # PT66754 and a MWBE firm, QnA Tech, for the server procurement; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority will award the procurement of three (3) servers from QnA tech in an amount not-to-exceed \$28,320.00 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 18th day of February, 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: February 18, 2016

WHEREAS, bids were solicited through the NYS Contract Reporter for the contract entitled System Wide Network Services (BA-2015-OO-007-IT) and one (1) proposal was submitted on January 20th, 2016 by Lighttower and,

WHEREAS, after further review of the four (4) price options given by Lighttower, it is recommended that option number two (2) best suits the Authority's requirements and

WHEREAS, it is recommended that a Five (5) year contract with one (1) optional Five (5) year renewal be awarded to Lighttower; now therefore

BE IT RESOLVED, that a contract be awarded to Lighttower, with the advice and consent of Authority Counsel, in a not to exceed monthly amount of \$9130.18 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 February, 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: February 18, 2016

WHEREAS, the Board has reviewed the report relative to the payment to the New York State Thruway Authority for 4th Quarter 2015 Bridge Authority E-ZPass costs in the amount of \$964,788.38; and,

WHEREAS, the Bridge Authority wishes to continue the agreement with the Thruway Authority established to pay these costs; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority approves this payment at a cost not to exceed \$964,788.38; 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 February 2016.

Joseph Ruggiero, Secretary