



BOARD MEETING AGENDA **THURSDAY, FEBRUARY 15, 2018 - 3:00 P.M.**

- I. **ADOPT THE REGULAR BOARD MEETING MINUTES OF JANUARY 18, 2018**
- II. **BUSINESS ITEMS:**
 - a. Administration & Human Resources:

None
 - b. Engineering and Maintenance:
 - a. HDR - Construction Inspection Increase
 - b. MHB and NBB Steel Repairs – Increase - BA-2016-RE-103-CM
 - c. Biennial Bridge Inspection Assignments – BA-2017-RE-103-ES
 - d. Hudson Valley Bridge - Standby Readiness Increase – BA-2016-RE-101-CM
 - e. I-84 Over Route 9W Bridge Rehabilitation - Award – BA-2016-RE-102-CM-R
 - f. Kapsch Contract Extension - System-Wide ITS Engineering Consultant Construction Extension – BA-2015-RE-001-ES
 - g. I-84 over Route 9W Bridge Rehabilitation – Design Support by M&M- BA-2016-RE-102-CM-R
 - h. Jobs in Progress Monthly Report
 - c. Financial:
 - a. Investment Report
 - d. Information Technology:

None

Headquarters | P.O. Box 1010, Highland, New York 12528 | P. (845) 691-7245 F. (845) 691-3560 | www.nysba.ny.gov

e. Bridge Operations:

a. TRANSCOM Multi-Year Agreement

I. REPORTS TO BOARD:

- a. Executive Director's Monthly Activity Report
- b. January 2018 Traffic and Revenue Analysis
- c. January 2018 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

**March 15, 2018
Regular Meeting
3:00 P.M.**

Headquarters | P.O. Box 1010, Highland, New York 12528 | P. (845) 691-7245 F. (845) 691-3560 | www.nysba.ny.gov

RIP VAN WINKLE BRIDGE
P.O. Box 286
Catskill, NY 12414
(518) 943-2360

KINGSTON-RHINECLIFF
BRIDGE
P. O. Box 2992
Kingston, NY 12402
(845) 336-8181

MID-HUDSON BRIDGE
P. O. Box 1010
Highland, NY 12528
(845) 691-7221

NEWBURGH-BEACON
BRIDGE
P. O. Box 28
Beacon, NY 12508
(845) 831-3700

BEAR MOUNTAIN BRIDGE
P. O. Box 323
Ft. Montgomery, NY 10922
(845) 446-4721

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

HELD AT HEADQUARTERS, HIGHLAND, N.Y. ON
JANUARY 18, 2018

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
Stanton, J. Henry, Commissioner

OFFICERS:

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

ABSENT:

Jablonski, Diane, Commissioner

Chairman Gerentine called the meeting to order at 3:26 pm. Chairman Gerentine called for a motion to adopt the minutes of the December 21, 2017 Regular meeting. On a motion of Vice Chairman Higgins, seconded by Commissioner Dressel, the minutes of the December 21, 2017 Regular meeting were adopted unanimously.

ENGINEERING:1) 2018 In-House Capital Improvement Plan

Mr. Wright indicated to the Board that based upon the most recent inspections, the Engineering and Maintenance department has developed both an update to our five year capital plan and a series of in-house capital improvements. These in-house projects are necessary and can be accomplished with our own forces. The Authority is able to save a significant amount by performing these tasks in-house versus by contract; the projected savings this year is \$1,014,389.00. Mr. Wright recommended the Board to authorize \$1,255,971.00 for the 2018 In-House Capital Improvement Program. 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.: 018-001

Resolution Date: January 18, 2018

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 \$1,014,389.00; 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 2018 In-House Capital Projects in the amount of \$1,255,971.00; 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 January, 2018.

Joseph Ruggiero, Secretary

2) Fourth Quarter 2017 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.

3) Jobs in Progress

Mr. Wright advised the Board regarding the Engineering Jobs in Progress Report for the month. Mr. Wright reported that the contractor at the Rip-Van Winkle Bridge is adding railing on top of the South parapet wall as weather permits. Steel repairs are out to bid for the Walkway Over the Hudson. The Mid-Hudson Roof project is completed and steel repairs continue. The Paint project at the Newburgh-Beacon Bridge is completed and steel repairs and catwalk lowering continue. Security fence and fuel tank replacement will be completed as weather permits at all facilities. 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.: 018-002

Resolution Date: January 18, 2018

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 January 2018.

Joseph Ruggiero, Secretary

FINANCIAL:1) Investment Transaction Report

Mr. Bushek reviewed the Investment Report for the month noting thirteen investments. 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.: 018-003Resolution Date: January 18, 2018

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 21, 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 18th day of January, 2018.

Joseph Ruggiero, Secretary

2) Insurance Fund Balance Determination

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 attached Professional Certificate from Modjeski & Masters, Inc., independent Consulting Engineer, the Insurance Fund balance necessary to equal the deductible amount is now \$11,217,000, determined by multiplying the \$373,873,000 replacement value of the South Span at Newburgh-Beacon by the 3% deductible amount. As such, Mr. Bushek proposed a resolution increasing the Insurance Fund balance to \$11,217,000. 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.: 018-004

Resolution Date: January 18, 2018

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 \$10,855,000 for 2017 to \$11,217,000 for 2018 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 18th day of January, 2018.

Joseph Ruggiero, Secretary

3) Accident Review Committee Report Q4 2017

There were 87 accidents on Authority facilities in the fourth quarter of 2017, as classified by bridge in the attached summary. This compares with 84 the previous year. During this period there was 1 accident involving Authority personnel, this compares to 2 during the fourth quarter 2016. For the year, the total number of accidents, 308, was higher than the 281 experienced in 2016, a 9.6% increase. The Authority is reviewing the data to identify if there are any notable causes that may be attributed to the increase. It should be noted that the increase offsets the 9.4% decrease from 2015 to 2016 which had very little snow. The 2017 accident volume translates into an accident roughly every 206,000 crossings. No action was required by the Board.

4) Public Authorities Law §2975 Cost Recovery Charges

Mr. Bushek reported to the Board that Public Authorities Law §2975 directs the Division of Budget (DOB) to allocate expenses for central governmental services to various public authorities including the NYS Bridge Authority. Each year, the Authority is billed by the division of the Treasury's Taxation and Finance Department for a portion of the \$55,000,000 which may be charged for these services. The Bridge Authority's share of this billing for the year ending March 31, 2018 is \$369,000, this is the same as 2017, 2016, 2015, and 2014. The bill from prior years was: 2013 \$368,914, 2012 \$340,536, 2011 \$312,158, 2010 \$312,158, 2009 \$546,000 and 2008 \$388,820. In 2008/9, the amount had increased when the total assessment increased from \$40 million to \$55 million. The DOB does not provide backup with the bill as to how they calculate, and which authorities are charged. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded Commissioner Dressel, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY BOARD RESOLUTION

Resolution No.: 018-005

Resolution Date: January 18, 2018

WHEREAS, the Board has reviewed the report relative to the payment of public authority cost recovery charges for central government services as mandated by Public Authorities Law; now therefore and,

BE IT RESOLVED, the New York State Bridge Authority does hereby approve the payment of \$369,000 to the Department of Taxation and Finance for the Bridge Authority's share of these costs for the year ending March 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 18th day of January, 2018.

Joseph Ruggiero, Secretary

5) Annual Payment to Department of Civil Service

Mr. Bushek reported to the Board that Section 11 of the Civil Service Law allows that Department to charge public authorities, among other entities, for their fractional share of the expenses for the administration of the Civil Service Department. The Bridge Authority's 2018 invoice for these services is \$17,197.60 (\$153.55 per position multiplied by the 112 permanently filled positions) as indicated in the attached for the year ending March 31, 2017. The previous year, 2017, billing was \$14,690.55 (\$123.45 per position multiplied by the 119 permanently filled positions), an increase of \$2,507.05. This is due to an increase of \$30.10 per active employee with seven fewer positions. For historical comparison purposes, the 2016 billing was \$19,993.19 (\$166.32 per position multiplied by the 119 permanently filled positions, note that this year the product of the price and quantity did not equal the billed amount). The 2015 billing was \$21,025.48 (\$172.34 per position multiplied by the 122 permanently filled positions). The 2014 billing was \$21,428.75 (\$171.43 per position multiplied by the 125 permanently filled positions). The 2013 billing was \$25,803.87 (\$200.03 per position multiplied by the 129 permanently filled positions). 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.: 018-006

Resolution Date: January 18, 2018

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 \$17,197.60 to the Department of Civil Service for the Bridge Authority's share of these costs payable in the year ending March 31, 2017; 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 January, 2018.

Joseph Ruggiero, Secretary

BRIDGE OPERATIONS:1) TRANSCOM Annual Assessment

Mr. Smith reviewed the invoice for the Authority's 2018 Member Operations Support to TRANSCOM. The Authority's annual contribution of \$79,054.00 remains at 1.96% of TRANSCOM's overall operating costs. This amount has been allocated in the Authority's 2018 operations budget. Mr. Smith recommended an approval for payment of \$79,054.00. 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.: 018-007Resolution Date: January 18, 2018

WHEREAS, The Authority is a member of TRANSCOM and along with twelve other transportation agencies provides operations support to this organization in the form of an annual dues payment; and

WHEREAS, The Authority has reviewed the memorandum and invoice regarding the annual membership dues for TRANSCOM and have found it to be consistent with the 2018 budget as approved in September of 2017 by the TRANSCOM Board; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority approves payment for 2018 TRANSCOM annual dues in the amount of \$79,054.00; 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 January, 2018.

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 2017 Traffic and Revenue Analysis

Mr. Ruggiero noted for the month of November traffic increased .64% and revenue increased .36%. No action was required by the Board.

3) December 2017 E-ZPass Sales Analysis

Mr. Ruggiero indicated that year-to-date 2017 tag sales were 11,991, compared to 6,245 sold year-to-date 2016. No action was required by the Board.

4) Historic Bridges of the Hudson Valley (HBHV) Monthly Report for December 2017

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

NEW BUSINESS:1) Resolution Honoring Commissioner Raphael Klein

A resolution was adopted to honor former Commissioner Raphael Klein who was a longtime member of the Board of the Authority which he also served as Chairman for eight years. He was active in the Hunter community and contributed greatly to the Administration of the Authority. The Board expressed their appreciation for his services to the people of the Hudson Valley and condolences to his family, especially his wife of 67 years, Gloria. Commissioner Stanton made a motion, seconded by Commissioner Dressel, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 018-008Resolution Date: January 18, 2018

WHEREAS, Raphael Klein was a lifetime resident of Hunter, New York and a longtime member of the Board of the Authority which he also served as Chairman for eight years; and

WHEREAS, Raphael Klein was active in the Hunter community and contributed greatly to the administration of the Authority; and

WHEREAS, the Board expresses its great appreciation for the service of Raphael Klein to the people of the Hudson Valley, and especially expresses its condolences upon his passing to his wife of 67 years, Gloria; now therefore

BE IT RESOLVED that the Board of the Authority expresses its condolences to his family, and especially his wife, Gloria, and this Resolution shall be placed in the permanent records of the Authority.

IN WITNESS WHEREOF, this resolution has been duly adopted this 18th day of January, 2018.

Joseph Ruggiero, Secretary

This concluded the regular meeting. Chairman Gerentine asked for a motion to adjourn the meeting. On a motion of Vice Chairman Higgins, seconded by Chairman Gerentine 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 15, 2018 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 entered into a professional services agreement with HDR in August 2016 to perform construction inspection services for the steel repairs project at the Mid-Hudson and Newburgh-Beacon Bridges, publicly advertised and bid as BA-2016-RE-103-CM; and

WHEREAS, the steel repair project was originally scheduled for completion in December 2017; however extra work added to the construction contract as "False Chord Repairs" extended the completion date to July 31, 2018; and

WHEREAS, NYSBA assigned HDR, under their initial budget for the steel repair contract, construction inspection services for the catwalk lowering project at the Newburgh-Beacon Bridge, publicly advertised and bid as BA-2016-RE-109-CM in early 2017 and the project was originally scheduled for completion in 2017, concurrent with the steel repair contract; and

WHEREAS, the catwalk lowering project was extended to November 30, 2018 when additional electrical work and channel span catwalks were added to the project; and

WHEREAS, HDR's original contract value was \$718,965.17 for sixteen (16) months of construction inspection services and whereas the construction contracts have been extended for an additional eleven (11) months a change order of \$584,250.12 is requested to provide the further required construction inspection services; now therefore

BE IT RESOLVED the Board of Commissioners authorize the revised not-to-exceed total for HDR's construction inspection services of \$1,303,215.29:

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 15th day of February, 2018.

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 Newburgh Beacon Bridges "Miscellaneous Steel Repairs" as BA-2016-RE-103-CM and four (4) bids were received on November 24, 2015, the low bidder being the firm of Hudson Valley Bridge (HVB) Construction at \$4,594,000.00; and

WHEREAS, 2017 biennial inspections of the Newburgh Beacon Bridge spans noted worsening conditions of the false chord expansion areas, which have been monitored across several inspection cycles and are in need of repair; and

WHEREAS, the Engineering department has reviewed HVB's cost proposal to perform these additional repairs as a change order and found them to be responsible; now therefore

BE IT RESOLVED that a change order of \$554,494.26 is requested to the contract awarded to HVB of Harriman, New York, increasing the not-to-exceed amount of \$4,594,000.00 to a total contract amount of \$5,148,494.26; 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 15th day of February 2018.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: _____

Resolution Date: _____

WHEREAS, in 2017 the New York State Bridge Authority publicly bid and awarded a multi-year professional engineering services contract for biennial bridge inspections of the Authority's river crossings: the Bear Mountain Bridge, Newburgh Beacon Bridge North and South Spans, Balmville Road Bridge over I-84, I-84 Bridge over 9W, Mid-Hudson Bridge, Route 44/55 Bridge over 9W, Kingston-Rhinecliff Bridge and the Rip Van Winkle Bridge to be designated as (BA-2017-RE-103-ES); and

WHEREAS, MWBE goals were set for this contract at 30% and SDVOB goals at 6%; and

WHEREAS, this is the second year of the three year contract; and

WHEREAS, the Authority hired three (3) Consultants to each inspect one main bridge and its ancillary structures and approaches per year; and;

WHEREAS, each year of the three year contract, the approved Consultants shall provide a cost proposal for Board approval to inspect the bridge they have been directed to examine; and

WHEREAS; the Consultants have provided their technical and cost proposals; now therefore

BE IT RESOLVED that the Board of Commissioners approve the following Biennial Bridge Inspection Services for 2018 at the following costs:

WSP: Rip Van Winkle Bridge at \$199,530.00

Modjeski & Masters: Mid-Hudson Bridge at \$83,500.00;

HAKS: Bear Mountain Bridge at \$115,560.00; 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 15th day of February, 2018.

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, we have nearly exhausted our emergency repair funds from last year, having done repair work on the decks at Newburgh-Beacon and Bear Mountain, joint repairs at Newburgh-Beacon and Mid-Hudson, paving under Route 9D at Newburgh-Beacon and medium barrier replacement at Mid-Hudson; 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 \$742,250.00 to a total contract amount of \$992,250.00; 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 15th day of February 2018.

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 "I-84 over Route 9W Bridge Rehabilitation" – (BA-2016-RE-102-CM-R) and six (6) bids were received on January 23, 2017; the low bidder being the firm of A. Servidone, Inc.; and

WHEREAS, M/WBE goals were placed at 30% and SVDOB goals at 6%; 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 A. Servidone, Inc.; now therefore

BE IT RESOLVED that the Board of Commissioners of the New York State Bridge Authority award a construction contract to A. Servidone, Inc., of Castleton, New York at a not-to-exceed cost of \$14,652,659.52; 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 15th day of February, 2018.

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 extend the contract for professional services in connection with system-wide intelligent transportation systems (ITS) engineering consultant (BA-2015-RO-001-ES); and

WHEREAS, the Authority has previously awarded this contract to Kapsch Trafficom, USA, Inc., of East Rutherford, New Jersey; and

WHEREAS, this contract included the option for the Authority to extend the term of the contract for two (2) additional 1 year periods; and

WHEREAS, the Authority's Electronic Toll Systems Department has reviewed and approved Kapsch's following rates: Project Manager \$190.00, Sr. System Engineer \$190.00, Software Engineering Manager \$220.00, Sr. Software Engineer \$220.00, Traffic Engineer \$150.00, Systems Engineer \$150.00, Software Engineer \$160.00, Applications Engineer \$110.00, Draftsperson \$90.00, Administrative Assistant \$80.00, Field Engineer \$140.00, Field Technician \$100.00 with a total not to exceed amount of \$40,755.00; now therefore

BE IT RESOLVED that the one (1) year extension of this agreement be issued to Kapsch Trafficom, USA, 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 15th day of February 2018.

Joseph Ruggiero, Secretary



**Bridge
Authority**

"ENGINEERING JOBS IN PROGRESS"
COST SUMMARY
January 31, 2018

Prepared
February 8, 2018

<u>BRIDGE FACILITY</u>	<u>SUMMARY</u>				Remarks (Added or Removed)
	Original Award (\$)	Revised Contract (\$)	Revised Prior Month (\$)	Contract Balance (\$)	
RIP VAN WINKLE BRIDGE	\$ 5,813,442	\$ 7,083,465	\$ 7,083,465	\$ 1,118,942	A - In House Projects
KINGSTON-RHINECLIFF BRIDGE	\$ 180,655	\$ 180,655	\$ 180,655	\$ 175,619	A - In House Projects
WALKWAY OVER THE HUDSON	\$ 344,670	\$ 344,670	\$ 344,670	\$ 127,936	A - In House Projects
MID-HUDSON BRIDGE	\$ 422,169	\$ 422,169	\$ 422,169	\$ 367,650	A - In House Projects
NEWBURGH-BEACON BRIDGES	\$ 13,306,209	\$ 13,768,457	\$ 13,142,032	\$ 7,042,973	A - In House Projects
BEAR MOUNTAIN BRIDGE	\$ 295,274	\$ 295,274	\$ 295,274	\$ 240,290	A - In House Projects
MULTI-FACILITY PROJECTS	\$ 4,362,407	\$ 4,612,407	\$ 4,612,407	\$ 2,973,555	A - In House Projects
TOTALS	\$ 24,724,827	\$ 26,707,098	\$ 26,080,673	\$ 12,046,966	

Rip Van Winkle Bridge

Engineering "Jobs In Progress" for January 31, 2018

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 5/16	12/15		\$268,000	\$44,500	\$312,500	\$265,960	\$45,633		
2014-102-CM	Piasecki Steel Construction (Contractor)	1/16 2/17 7/17	12/17 05/18		\$5,362,400	\$497,746 \$727,777	\$6,578,923	\$5,697,655	\$890,267	91%	87%
	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 #1 approved 2/16/17 to include 3 viewports. Viewport costs to be reimbursed by a grant through Greene County. Change Order #2 for additional parapet wall safety railing from the thru truss to the east abutment has been added to the contract.

Comments:

The Contractor continued welding the sidewalk panel hold-down clips. Another crew began the installation of parapet anchor bolts. Once completed with the anchor bolts the crew will install the new parapet railings starting in February. Contract work will continue through the winter as weather permits.

Engineering "Jobs In Progress" for January 31, 2018

BA2017-RE-116
Walkway over the Hudson Bridge
Main Span Structural Steel Repairs

Project No.	Vendor	Award	Start	Sch. Comp.	Comp.	Original Award	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
17-116-CM	To-Be-Determined					\$0	\$0	\$0	\$0	100%	100%
17-116-DE	WSP USA, Inc.	6/17	7/17	2/18		\$298,364	\$298,364	\$225,030	\$81,630		
17-116-SU	To-Be-Determined					\$0	\$0	\$0	\$0		

Description of Work:

The Contractor shall perform various structural steel repairs to existing steel members located on the main span. These structural repairs were identified as Priority 1 and 2 conditions in Modjeski and Masters' 2015 detailed inspection.

Comments:

Contract documents have been advertised in the NYS Contract Reporter with a bid opening on February 22, 2018.

Mid-Hudson Bridge

Newburgh-Beacon Bridge

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

PROJECT BA #	CONSULTANT/ CONTRACTOR	PROJECT DESCRIPTION	AWARD DATE	CAPITAL IMPROV. APPROVAL DATE	ORIGINAL AWARD OR BUDGET \$	REVISED CONTRACT \$	CONTRACT BALANCE	COMMENTS
16-RE-104-CM.31	In-House	West Abutment Access Improvements		18-Jan	\$ 20,529	\$ 20,529	\$ 20,529	
16-RE-104-CM.32	In-House	Roadway Sign Improvements		18-Jan	\$ 8,515	\$ 8,515	\$ 8,515	
16-RE-104-CM.33	In-House	Biennial Bridge Insp. Support - 2019 & 2021		18-Jan	\$ -	\$ -	\$ -	
16-RE-104-CM.34	In-House	Not Assigned		18-Jan	\$ -	\$ -	\$ -	
16-RE-104-CM.35	In-House	North Span Overlay Repairs		18-Jan	\$ 27,240	\$ 27,240	\$ 25,606	
16-RE-104-CM.36	In-House	Bridge Painting Upgrades		18-Jan	\$ 53,463	\$ 53,463	\$ 53,463	
16-RE-104-CM.37	In-House	Bridge Safety Upgrades		18-Jan	\$ 34,800	\$ 34,800	\$ 34,800	
16-RE-104-CM.38	In-House	Salt Shed Renovations		18-Jan	\$ 27,078	\$ 27,078	\$ 27,078	
16-RE-104-CM.39	In-House	Water System		18-Jan	\$ 12,160	\$ 12,160	\$ 12,160	
16-RE-104-CM.40	In-House	Maint. Bldg./L. Star Bldg./Ranch House Rehab.		18-Jan	\$ 41,509	\$ 41,509	\$ 41,509	
16-RE-102-DE	Modjeski & Masters, Inc.	Energy Saving Upgrades		18-Jan	\$ 8,132	\$ 8,132	\$ 8,132	
16-RE-102-DE	Modjeski & Masters, Inc.	Route 9W overpass deck replacement	15-Nov		\$ 382,330	\$ 750,378	\$ -	
16-RE-102-SU	KS Engineers	Route 9W overpass deck - Inspection	17-Dec		\$ 626,425	\$ 626,425	\$ 626,425	
16-RE-103-DE	Modjeski & Masters, Inc.	Steel and Deck Repairs		16-Jan	\$ 236,750	\$ 236,750	\$ 91,259	
16-RE-103-CM	Hudson Valley Bridge (HVB)	Deck Shoring & Steel Repairs	16-Jun		\$ 4,594,000	\$ 4,594,000	\$ 655,007	
16-RE-103-SU	HDR, Inc.	Deck Shoring & Steel Repairs, Const. Insp.	16-Jul		\$ 718,965	\$ 718,965	\$ 101,574	
19-RE-119-AC	NYCOMCO	Radio System Upgrade	16-Aug		\$ 17,314	\$ 17,314	\$ 17,314	
16-RE-109-DE	GPI, Inc	Maintenance Walkway Lowering, Design	16-Nov		\$ 150,000	\$ 244,200	\$ 30,672	
16-RE-109-CM	HVB, Inc.	Maintenance Walkway Lowering, Const.	17-Jun		\$ 6,347,000	\$ 6,347,000	\$ 5,288,931	
TOTALS					\$ 13,306,209	\$ 13,768,457	\$ 7,042,973	

Engineering "Jobs In Progress" for January 31, 2018

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

Project No.	Vendor	Award	Start	Sch. Comp.	Comp.	Original Award	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2016-102-DE	Modjeski & Masters, Inc. (Design / Design Support)	11/15 7/17	11/15	12/18		\$382,330 \$368,048	\$750,378	\$750,378	\$0		
2016-102-CM	A. Servidone / B. Anthony Const., JV (Contractor)										
2016-102-SU	KS Engineers (Construction Supervision)	12/17	3/18	12/19		\$626,425		\$626,425			

Description of Work:

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

Comments:

Six (6) bids were received on January 23, 2018 with joint venture A. Servidone /B. Anthony Construction providing the low bid.

Engineering "Jobs In Progress" for January 31, 2018

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. (Design / Design Support)	1/16	1/16	12/16		\$236,750		\$145,491	\$91,259		
2016-103-CM	HVB, Inc. (Contractor)	6/16	8/16	12/17 7/18		\$4,594,000		\$3,938,993	\$655,007	90%	77%
2016-103-SU	HDR, Inc. (Construction Supervision)	7/16	8/16	12/17		\$718,965		\$617,391	\$101,574		

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. Additional false chord repairs will be performed as recommended in the bridge inspection report.

Comments:

The Contractor continues with the steel repairs at Newburgh-Beacon and Mid-Hudson as weather permits. The contractor is procuring necessary material for the lower false chord repairs at NBB.

Engineering "Jobs In Progress" for January 31, 2018

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

Project No.	Vendor	Award	Start	Sch. Comp.	Comp.	Original Award	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2016-109-DE	GPI, Inc. (Design / Design Support)	11/16 04/17	12/16 Inc.	12/18		\$149,700 \$94,500	\$244,200	\$213,528	\$30,672		
2016-109-CM	HVB, Inc. (Contractor)	06/17	06/17	12/18		\$6,347,000		\$1,058,068	\$5,288,932	18%	37%
2016-103-SU	HDR, Inc. (Construction Supervision) See 2016-103-SU	7/16	8/16	12/18							

Description of Work:

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

Comments:

The Contractor continues various field activities for the catwalk lowering project; shop drawing preparation & submission; field layout & modifications to the existing catwalk. Their electrical sub-contractor continues installation of new conduits at the west end of the bridge and working eastward. They will continue field activities through the winter as weather permits.

"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		18-Jan	\$ 5,850	\$ 5,850	\$ 5,850	
16-RE-104-CM.43	In-House	Bridge Structural Steel Repairs		18-Jan	\$ 10,240	\$ 10,240	\$ 10,240	
16-RE-104-CM.44	In-House	Biennial Bridge Insp. Support: 2018, 2020 & 2022		18-Jan	\$ 19,804	\$ 19,804	\$ 19,804	
16-RE-104-CM.45	In-House	Bridge Painting Upgrades		18-Jan	\$ 60,662	\$ 60,662	\$ 60,662	
16-RE-104-CM.46	In-House	Bridge Safety Upgrades		18-Jan	\$ 5,768	\$ 5,768	\$ 5,768	
16-RE-104-CM.47	In-House	Not Assigned		18-Jan	\$ -	\$ -	\$ -	
16-RE-104-CM.48	In-House	Joint and Wearing Surface Repairs		18-Jan	\$ 10,418	\$ 10,418	\$ 10,418	
16-RE-104-CM.49	In-House	Energy Saving Upgrades		18-Jan	\$ 8,432	\$ 8,432	\$ 8,432	
16-RE-101-DE.1	Modjeski & Masters	Main Cable Evaluation, Design	15-Nov		\$ 174,100	\$ 174,100	\$ 119,116	
TOTALS					\$ 295,274	\$ 295,274	\$ 240,290	

**"ENGINEERING JOBS IN PROGRESS"
MULTI - FACILITY PROJECTS
SUMMARY**

PROJECT BA #	CONSULTANT/ CONTRACTOR	PROJECT DESCRIPTION	AWARD DATE	CAPITAL IMPROV. APPROVAL DATE	ORIGINAL AWARD OR BUDGET \$	REVISED CONTRACT \$	CONTRACT BALANCE	COMMENTS
15-RE-104-CM.50	In-House	Sys. - HD Diesel fleet Emissions Upgrade		18-Jan	\$ -	\$ -		
15-RE-104-CM.51	In-House	Pavement Temperature Monitoring Systems		18-Jan	\$ -	\$ -		
15-RE-104-CM.52	In-House	Lighting Retro-fit for Dambach Signs		18-Jan	\$ -	\$ -		
16-101-CM	Hudson Valley Bridge (HVB)	Bridge / Highway Repairs (Standby)	15-Dec		\$ 492,250	\$ 742,250		
16-RE-101-CM	Piasecki Steel Construction	BMB/MHB - Main Cable Evaluation - Const.	17-May		\$ 2,625,200	\$ 2,625,200	\$ 1,919,967	
16-RE-118-CM	Stilling Electric, Inc.	Sys - Automatic Incident Detection	17-Oct		\$ 825,533	\$ 825,533	\$ 734,251	
17-RE-119-CM	S & O Const. Service, LLC	Sys - Fuel Tank Replacement	17-Jun		\$ 147,953	\$ 147,953	\$ 68,399	
17-RE-120-CM	Central Industries	Sys - Security Fencing and Gates	17-Sep		\$ 271,471	\$ 271,471	\$ 250,938	
TOTALS					\$ 4,362,407	\$ 4,612,407	\$ 2,973,555	

Engineering "Jobs In Progress" for January 31, 2018

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

Project No.	Vendor	Award and/or Increase	Sch. Comp	Comp.	Original Award	Board Approved Increase	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2016-101-CM	Hudson Valley Bridge (HVB) (Contractor)	12/15 5/17	12/18		\$492,250	\$250,000	\$742,250	\$742,250	\$0		
2016-101-DE	NYSBA – In House (Designer)										

Description of Work:

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

Comments:

HVB, Inc. was called in this past month to perform a yellow flag steel repair at the Newburgh-Beacon Bridge south span at the west abutment.

Engineering "Jobs In Progress" for January 31, 2018

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. (MHB - Design)	11/15	11/15	4/17		\$180,800		\$44,842	\$135,958		
2017-101-DE.1	Modjeski & Masters, Inc. (BMB - Design)	11/15	11/15	4/17		\$174,100		\$54,984	\$119,116		
2017-101-CM	Piasecki Steel Construction (Contractor)	5/17	5/17	12/17 8/18		\$2,625,200		\$705,232	\$1,919,967		
2017-101-SU	In-House (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. The lead time for fabrication and delivery of new suspender ropes will require the contract to be extended to August 2018.

Comments:

The contractor has shut-down for the Winter and will return in the Spring.

Engineering "Jobs In Progress" for January 31, 2018

BA2016-RE-118
Systemwide – Automatic Incident Detection

Project No.	Vendor	Award	Start	Sch. Comp.	Comp.	Original Award	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2016-118 AC	Stilsing Electric, Inc. Construction	10/17	11/17	06/18		\$825,533		\$91,282	\$734,251		
	Kapsch, Inc./NYSBA (Construction Supervision)										

Description of Work:

The scope of work for this project consists of furnishing and installing automatic incident detection equipment.

Comments:

Contractor has shut-down for the winter.

Engineering "Jobs In Progress" for January 31, 2018

BA2017-RE-119
Systemwide – Fuel Tank Replacement

Project No.	Vendor	Award	Start	Sch. Comp.	Comp.	Original Award	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2017-119-DE	In-House Design.										
2017-119 CM	S&O Construction Services Construction	06/17	11/17	12/17 02/18		\$147,953		\$79,554	\$68,399	57%	81%
	In-House (Construction Supervision)										

Description of Work:

The work for this project consists of the removal and installation of new fuel tanks at the Authority's facilities.

Comments:

New tanks have been delivered. Tank change-out began at the Rip Van Winkle and Kingston-Rhinecliff facilities. The Contractor will continue replacing the existing tanks as weather permits.

Engineering "Jobs In Progress" for January 31, 2018

BA2017-RE-120
Systemwide – Security Fencing

Project No.	Vendor	Award	Start	Sch. Comp.	Comp.	Original Award	Revised Contract	Approved Payment to Date	Contract Balance	% Comp.	% Elapsed
2017-120 -DE	In-House Design.									100%	100%
2017-120 CM	Central Industries Construction	09/17	11/17	04/18		\$271,471		\$20,533	\$250,938		
	In-House (Construction Supervision)										

Description of Work:

The scope of work for this project consists of furnishing and installing security perimeter fencing and a new electronic lift gate for the Newburgh-Beacon facility.

Comments:

Central Industries has been ordered the special lift gate for Newburgh-Beacon. They will be utilizing WBE firm, DeCar, for participation on this project. Field activities are scheduled for late February.

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 15th day of February 2018.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: February 15, 2018

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 18, 2018; 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 15th day of February, 2018.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: February 15, 2018

WHEREAS, TRANSCOM Inc. is a non-profit organization whose mission is to provide the support for and implementation of a successful partnership of regional transportation agencies, and a means of establishing a regional cooperative approach to transportation management, including a forum for the coordination of operating procedures, for improved agency communications, for the coordination of construction projects, and for the demonstration and implementation of various traffic management technologies to facilitate regional mobility across jurisdictional lines; and,

WHEREAS, The Authority is a member of TRANSCOM and along with twelve other transportation agencies provides operations support to this organization in the form of an annual dues payment; and,

WHEREAS, The Authority has reviewed the TRANSCOM 2019-2023 Multi-Year Membership Agreement and have found it to be consistent with the previous Multi-Year Agreement; and,

BE IT RESOLVED, that, the Board of Commissioners of the New York State Bridge Authority authorizes the Executive Director, with the advice and consent of Authority Counsel, to enter into a Multi-Year Membership Agreement with TRANSCOM Inc. for a period of five years; 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 15th day of February, 2018.

Joseph Ruggiero, Secretary