



ANDREW M. CUOMO
Governor

JOSEPH RUGGIERO
Executive Director

RICHARD A. GERENTINE
Chairman

BOARD MEETING AGENDA **THURSDAY, SEPTEMBER 15, 2016 - 3:00 P.M.**

I. ADOPT THE REGULAR BOARD MEETING MINUTES OF AUGUST 18, 2016

II. EXECUTIVE SESSION:

- a. Security Matter

III. BUSINESS ITEMS:

a. Administration & Human Resources:

- a. IBM Disaster Recovery Server Purchase

b. Engineering and Maintenance:

- a. System Wide Camera Replacement Project BA-2016-RE-105-AC
- b. Jobs in Progress Monthly Report

c. Financial:

- a. Investment Report
- b. Boston Whaler
- c. 2016 Internal Audit Plan and Engagement Letter
- d. Award BA-2016-OA-001PS - Independent Accountant Services – Audit of Year-End 2016 Financial Statements

d. Information Technology:

- a. None

e. Bridge Operations:

- a. NYS Thruway Authority 2nd Quarter 2016 E-ZPass Expenses

IV. REPORTS TO BOARD:

- a. Executive Director's Monthly Activity Report
- b. August 2016 Traffic and Revenue Analysis
- c. August 2016 E-ZPass Sales Analysis
- d. Historic Bridges of the Hudson Valley Status Report

V. PRESENTATION TO BOARD:

VI. OLD BUSINESS:

VII. NEW BUSINESS:

- a. 2017-2021 Capital Plan
- b. Operating Budget & Net System Revenues
- c. Government Affairs Services

VIII. ADJOURNMENT

NEXT MEETING
October 20, 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
August 18, 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
Higgins, Roger P, Vice Chairman
Dressel, Roderick O., Commissioner
Stanton, J. Henry, Commissioner
Jablonski, Diane, Commissioner

OFFICERS:

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

Chairman Gerentine called the meeting to order at 3:10 pm and recessed to Attorney-Client Privilege session. The Board returned out of Attorney-Client Privilege session at 4:05 pm. Chairman Gerentine called for a motion to adopt the minutes of the July 21, 2016 Regular meeting. On a motion of Vice Chairman Higgins, seconded by Commissioner Dressel, the minutes of the July 21, 2016 Regular meeting were adopted unanimously.

ENGINEERING:1) Newburgh- Beacon Bridge Radio System Upgrades BA-2016-RE-1119-AC

Mr. Kelly indicated to the Board that due to the elimination of Area Wide radio services by our vendor NYCOMCO, and the need for a back-up communications system to the Command Center, Mr. Kelly recommended that the Authority purchase an enhancement to the Newburgh-Beacon Bridge Radio system. This enhancement will allow Newburgh-Beacon Bridge to communicate with all facilities. The enhancement creates a needed redundancy in our communications capabilities and in our ability to communicate if the Command Center should ever become inoperable. This project is provided for in the 2016 Capital Improvement Plan and will involve a total one time cost of \$17,314.23. A brief discussion followed regarding enhancement of the current system. 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.: 016-086

Resolution Date: August 18, 2016

WHEREAS, the New York State Bridge Authority has determined that it is in the interest of public safety to make an improvement to the Newburgh-Beacon Bridge radio system (BA-2016-RE-119-AC); and

WHEREAS, this project includes enhancements to the Newburgh-Beacon Bridge radio base station and upgrades to the Mid-Hudson Bridge radios, enabling them to communicate directly with the Newburgh-Beacon Bridge.

WHEREAS, this augmentation will allow the Newburgh-Beacon Bridge to communicate with all facilities and to serve as a communication hub should the Command Center ever become inoperable; and;

WHEREAS, New York Communications Company, Inc. (NYCOMCO) is a single source provider of this radio equipment and the Authority has reviewed and approved their cost proposal; now therefore

BE IT RESOLVED that a purchase order be issued to NYCOMCO, Inc., of Poughkeepsie, New York, for the equipment necessary to complete this project in an amount not-to-exceed \$17,314.23; 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 August 2016.

Joseph Ruggiero, Secretary

2) Jobs in Progress

Mr. Wright advised the Board regarding the Engineering Jobs in Progress Report for the month of July. Mr. Wright reported that the roadway railing rehab installation at the Rip Van Winkle Bridge begins in September. The Walkway Over the Hudson north railing rehab project is ongoing and will be complete by year end. Mr. Wright also mentioned that the dehumidifier's installation is complete at the Mid-Hudson Bridge and final manufacturer field certification is being scheduled. Steel repairs continue at the Newburgh-Beacon Bridge. 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.: 016-087Resolution Date: August 18, 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 18th day of August 2016.

Joseph Ruggiero, Secretary

FINANCIAL:1) Investment Transaction Report

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

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: 016-088Resolution Date: August 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 July 21, 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 August, 2016.

Joseph Ruggiero, Secretary

2) AET Feasibility Study

Mr. Bushek reported to the Board that the number of All Electronic Tolling (AET) rollouts is expanding nationwide. In anticipation of a future conversion the Authority has included an AET project in our Capital Program for several years. Given that live AET facilities in our region now have established cost structures and provide valuable experience, we are looking to further develop the Authority's analysis. In the Authority's current contract with TTI Consulting, BA-2015-OO-012-PS Toll System Maintenance Contractor (TSMC), the scope of work included a provision to provide the Authority with support for AET related work. TTI Consulting has extensive experience in providing AET consulting for other tolling entities, both for projects in progress and facilities already implemented. The Authority has developed a scope of work to address many unknown elements that would have a material impact in the event of a conversion to AET. The deliverable is a model including the costs the Authority would incur, potential revenue losses, and any foreseeable cost savings that must be considered through better understanding of cash patron behavior at Authority facilities. This scope of work was provided to TTI and a proposal was received at a total cost of \$173,600. Given the industry trend toward AET and the material unknown elements of the Authority's cash patron behavior, the Authority believes this is an important step in developing a full understanding of AET. Chairman Gerentine called for a motion. On a motion of Vice Chairman Higgins, seconded by Commissioner Jablonski, the following resolution was adopted unanimously:

NEW YORK STATE BRIDGE AUTHORITY BOARD RESOLUTION

Resolution No.: 016-089

Resolution Date: August 18, 2016

WHEREAS, the Board has reviewed the report relative to an All Electronic Tolling (AET) Feasibility Study as an additional task requested of TTI Consulting under the contract BA-2015-OO-012-PS Toll System Maintenance Contractor; now therefore

BE IT RESOLVED, the New York State Bridge Authority does hereby approve the AET Feasibility Study project under the Contract BA-2015-OO-012-PS Toll System Maintenance Contractor to TTI Consulting at a not to exceed cost of \$173,600; 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 August, 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) July 2016 Traffic and Revenue Analysis

Mr. Ruggiero noted for the month of July traffic increased 2.24% and revenue increased 2.22%. No action was required by the Board.

3) July 2016 E-ZPass Sales Analysis

Mr. Ruggiero indicated that year-to-date 2016 tag sales were 3,319, compared to 3,319 sold year-to-date 2015. No action was required by the Board.

4) Historic Bridges of the Hudson Valley (HBHV) Monthly Report for July 2016

Ms. Sullivan reported to the Board that HBHV has completed a Trust Agreement with Pattison, Koskey, Howe & Bucci, CPA's, P.C. to handle the day-to-day financial affairs of the corporation as approved by the HBHV Board of Directors.

Kathy Burke now works at NYSBA Headquarters part-time for the HBHV.

Expenditures for August:

1. Payroll for Kathryn Burke, Director
2. No other expenditures to date

Ms. Sullivan's HBHV projects included:

1. Continuing the federal paper work and processing requirements for the 501(c)(3) application
2. Final implementation of logistics preparation for the new HBHV Director, Kathy Burke with the assistance of Carl Whitbeck including workers comp, DBL and unemployment for Kathryn Burke; liability insurance for organization
3. Meetings in Hudson with Carl Whitbeck including Greene County Bank, and Mike Bucci, CPA.
4. Weekly meetings and reports with Kathy Burke

Kathy Burke's projects included:

1. Formally introduced Historic Bridges of the Hudson Valley to educators in the Hudson Valley at the Teaching the Hudson Valley Summer Institute at Henry A. Wallace Education & Visitors Center, FDR Home, Hyde Park
 - The presentation was a very well received workshop on a K-8 STEAM (Science, Technology, Engineering, Art, and Math integrated curriculum) program piloted at a local K-8 school this past spring.
 - The presentation included google slide information and photos, participation by a classroom teacher and students all of whom had completed the bridge program at their school, examples of student work and "take-aways" for participants including information on HBHV and curriculum materials to use in their classrooms and share with other educators.
2. HBHV.org has been redesigned to present better in all formats – computer, tablet and mobile devices – with new colors, fonts, and contents.
3. HBHV Facebook, Twitter and Instagram are created and are gaining in popularity with increased traffic each week.

Projects in process:

1. Writing curriculum for use at all grade levels and subject areas integrating HBHV museum and bridges in all lessons.
2. As new curriculum and programs are created they are added to the website and introduced on social media.
3. Lists for districts/schools to send emails offering HBHV for use in their STEAM, history and literacy programs are being compiled and will be sent to representatives at those schools in September after the school year begins.
4. Similar lists for libraries and other educational institutions are being created.
5. Bear Mountain Bridge anchorage is being reviewed to determine best ways to use the facility to enhance the school programs, allowing students the best access to the bridge and artifacts.

Future projects:

1. Meet with individuals at the Mid-Hudson Teacher Center, SUNY New Paltz regarding collaborations.
2. Research and send suggestion for LEGOLAND Orange County, as it is created, to include one or more Lego built structures of our Historic Bridges of the Hudson Valley.

This concluded the regular meeting. Chairman Gerentine asked for a motion to adjourn the meeting. On a motion of Vice Chairman Higgins, seconded by Commissioner Stanton and approved unanimously, the regular meeting adjourned at 4:15 P.M.

The next regular Meeting of the Board of Commissioners meeting is scheduled for September 15th at 3:00 P.M. at Headquarters.

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: December 17, 2015

WHEREAS, the Authority has determined it in the public interest to provide for appropriate disaster recovery for its computing systems in support of its business operations; and,

WHEREAS, the Board has received and reviewed a proposal together with staff recommendations for the purchase and installation of a back-up server to support its financial and payroll systems; now therefore

BE IT RESOLVED, that the Board of Commissioners of the New York State Bridge Authority approves the purchase of an IBM server through its reseller, Sirius Computer Solutions, via NYS Office of General Services contract #PM20890 and related installation services with 3 years of IBM maintenance support through Sirius Computer Solutions as a single source vendor in the amount of \$36,220.42; 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 September 2016.

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 interest of public safety to issue a purchase order to Adirondack Cabling, Inc., to replace non-functioning and aging critical pier and security cameras system-wide, under the contract entitled "System-Wide Camera Replacement" (BA-2016-RE-105-AC); and

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

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

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

BE IT RESOLVED that the Board of Commissioners approves that a purchase order be issued to Adirondack Cabling, Inc., of Albany, NY, in the not to exceed amount of \$88,923.80; 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 September 2016.

Joseph Ruggiero, Secretary



**Bridge
Authority**

**"ENGINEERING JOBS IN PROGRESS"
COST SUMMARY
August 31, 2016**

Prepared
September 1, 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 | \$ 5,823,433 | \$ 5,823,433 | \$ 5,207,343 | |
| KINGSTON-RHINECLIFF BRIDGE | \$ 158,825 | \$ 158,825 | \$ 158,825 | \$ (1,932) | |
| WALKWAY OVER THE HUDSON | \$ 2,626,317 | \$ 2,646,317 | \$ 2,646,317 | \$ 1,374,764 | |
| MID-HUDSON BRIDGE | \$ 1,386,177 | \$ 1,386,177 | \$ 1,386,177 | \$ 879,780 | |
| NEWBURGH-BEACON BRIDGES | \$ 6,268,897 | \$ 6,268,897 | \$ 6,251,583 | \$ 5,446,501 | |
| BEAR MOUNTAIN BRIDGE | \$ 317,017 | \$ 317,017 | \$ 317,017 | \$ 263,949 | |
| MULTI-FACILITY PROJECTS | \$ 492,250 | \$ 492,250 | \$ 492,250 | \$ 366,254 | |
| TOTALS | \$ 17,028,416 | \$ 17,092,916 | \$ 17,075,602 | \$ 13,536,659 | |

Rip Van Winkle Bridge

Engineering "Jobs In Progress" for August 31, 2016

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 | \$225,239 | \$87,261 | | |
| 2014-102-CM | Piasecki Steel Construction (Contractor) | 1/16 | 12/17 | | \$5,362,400 | | \$5,362,400 | \$289,099 | \$5,073,301 | 6% | 36% |
| | 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 local WBE subcontractor, Hatfield, continues working on fabrication of the replacement roadway railings. The Contractor will have sufficient roadway railing delivered to begin roadway railing removal and replacement beginning early September. Replacement of the sidewalk and outboard pedestrian railing is scheduled to begin November.

Kingston-Rhinecliff Bridge

Walkway over the Hudson

Engineering "Jobs In Progress" for August 31, 2016

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 | | |
| 15-010-CM | I & O. A. Slutzky, Inc. (Contractor) | 12/15 7/16 | 11/16 | | \$2,176,827 | \$771,802 | \$2,284,740 | \$1,083,324 | \$1,093,503 | 37% | 60% |
| 15-010-SU | Foit-Albert Associates (Construction Inspection) | 12/15 | 11/16 | | \$250,000 | | \$250,000 | \$69,919 | \$180,081 | | |
| 15-010-MN | Metro-North – East shoreline (Railroad Flagman Service) | 4/16 | 11/16 | | \$40,600 | | \$40,600 | \$0 | \$40,600 | | |
| 15-010-RR | CSXT – West shoreline (Railroad Flagman Service) | 10/15 | 11/16 | | \$40,000 | | \$40,000 | \$17,299 | \$22,701 | | |

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:

The NYS Comptroller's office approved the two (2) change orders. Night-time north railing rehabilitation activities resumed August 2nd. Upgrading the security camera(s) fiber optic cable and electrical system has begun.

Mid-Hudson Bridge

**"ENGINEERING JOBS IN PROGRESS"
MID-HUDSON 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.16 | In-House | Traveler Upgrade & Repairs | | 16-Feb | \$ 30,671 | \$ 30,671 | \$ 14,989 | |
| 16-RE-104-CM.17 | In-House | Not Assigned | | 16-Feb | \$ - | \$ - | \$ 15,989 | |
| 16-RE-104-CM.18 | In-House | Not Assigned | | 16-Feb | \$ - | \$ - | \$ - | |
| 16-RE-104-CM.19 | In-House | New Maint Garage Furnishings & Equipment | | 16-Feb | \$ 8,576 | \$ 8,576 | \$ 5,742 | |
| 16-RE-104-CM.20 | In-House | Not Assigned | | 16-Feb | \$ - | \$ - | \$ - | |
| 16-RE-104-CM.21 | In-House | Training Facility - House 1 | | 16-Feb | \$ 10,326 | \$ 10,326 | \$ 6,495 | |
| 16-RE-104-CM.22 | In-House | Biennial Inspection Support - 2016 | | 16-Feb | \$ 3,685 | \$ 3,685 | \$ 2,974 | |
| 16-RE-104-CM.23 | In-House | Bridge Painting Upgrades | | 16-Feb | \$ 46,070 | \$ 46,070 | \$ 12,644 | |
| 16-RE-104-CM.24 | In-House | Bridge Safety Upgrades | | 16-Feb | \$ 33,842 | \$ 33,842 | \$ (15,470) | |
| 16-RE-104-CM.25 | In-House | Plug Joint Repairs | | 16-Feb | \$ 6,696 | \$ 6,696 | \$ (8,721) | |
| 16-RE-104-CM.26 | In-House | Energy Saving Upgrades | | 16-Feb | \$ 16,564 | \$ 16,564 | \$ 16,564 | |
| 16-RE-104-CM.27 | In-House | West Approach Median Barrier Transition | | 16-Feb | \$ 4,196 | \$ 4,196 | \$ 4,196 | |
| 14-RE-105-CM | Piasecki Steel Construction | Anchorage & Tower Dehumidification | 15-Dec | | \$ 456,000 | \$ 456,000 | \$ 83,030 | |
| 15-RE-105-CM | BBR Contracting Inc. | Roof Rehabilitation, Old Admin & Bridge Admin | 16-Jun | | \$ 588,750 | \$ 588,750 | \$ 566,750 | |
| 17-RE-101-DE | Modjeski & Masters | Main Cable Evaluation, Design | 15-Nov | | \$ 180,800 | \$ 180,800 | \$ 174,597 | |
| TOTALS | | | | | \$ 1,386,177 | \$ 1,386,177 | \$ 879,780 | |

Engineering "Jobs In Progress" for August 31, 2016

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 | | \$372,970 | \$83,030 | 95% | 75% |
| 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:

Contract field activities are substantially complete and the Contractor has demobilized the project site. The manufacturer's representative was on site to commission the new east anchorage dehumidification system. The existing dehumidification system atop the east tower was not functioning. The manufacturer's rep. diagnosed the problem. A replacement part has been ordered and will be installed upon receipt.

Engineering "Jobs In Progress" for August 31, 2016

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

| Project No. | Vendor | Award | Start | Sch. Comp. | Comp. | Original Award | Revised Contract | Approved Payment to Date | Contract Balance | % Comp. | % Elapsed |
|-------------|--|-------|-------|------------|-------|----------------|------------------|--------------------------|------------------|---------|-----------|
| 2015-003-CM | BBR Contracting Corp. (Contractor) | 7/16 | 08/16 | 11/16 | | \$588,750 | | \$22,000 | \$566,750 | 4% | 25% |
| 2015-003-DE | Modjeski & Masters, Inc. (Designer) | 5/16 | | | | \$91,000 | | \$60,359 | \$30,641 | | |
| | Construction Inspection (Swartz & In-house) | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Description of Work:

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

Comments:

The "Contract" with BBR Contracting has been fully executed and a preconstruction meeting was held. The contractor's submissions have been received by Swartz Architect.

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 | Electrical & Comm. Cable Tray Installation | | 16-Feb | \$ 18,671 | \$ 18,671 | \$ (20,079) | |
| 16-RE-104-CM.32 | In-House | Roadway Sign Improvements | | 16-Feb | \$ 6,057 | \$ 6,057 | \$ 6,057 | |
| 16-RE-104-CM.33 | In-House | Biennial Br. Inspection Support - 2017 | | 16-Feb | \$ - | \$ - | \$ (25,505) | |
| 16-RE-104-CM.34 | In-House | LED Street Lighting | | 16-Feb | \$ 34,899 | \$ 34,899 | \$ 34,899 | |
| 16-RE-104-CM.35 | In-House | North Span Overlay Repairs | | 16-Feb | \$ 51,570 | \$ 51,570 | \$ 24,714 | |
| 16-RE-104-CM.36 | In-House | Bridge Painting Upgrades | | 16-Feb | \$ 66,459 | \$ 66,459 | \$ 66,459 | |
| 16-RE-104-CM.37 | In-House | Bridge Safety Upgrades | | 16-Feb | \$ 24,285 | \$ 24,285 | \$ (12,869) | |
| 16-RE-104-CM.38 | In-House | Not Assigned | | 16-Feb | \$ 84,175 | \$ 84,175 | \$ 84,175 | |
| 16-RE-104-CM.39 | In-House | Water System | | 16-Feb | \$ 13,691 | \$ 13,691 | \$ 13,691 | |
| 16-RE-104-CM.40 | In-House | Star Bldg. / Salt Shed Rehab / Ranch House | | 16-Feb | \$ 12,046 | \$ 12,046 | \$ 12,046 | |
| 16-RE-104-CM.41 | In-House | Energy Saving Upgrades | | 16-Feb | \$ 7,685 | \$ 7,685 | \$ 7,685 | |
| 16-RE-102-DE | Modjeski & Masters, Inc. | Route 9W overpass deck replacement | 15-Nov | | \$ 382,330 | \$ 382,330 | \$ 324,160 | |
| 16-RE-103-DE | Modjeski & Masters, Inc. | Steel and Deck Repairs | 16-Jan | | \$ 236,750 | \$ 236,750 | \$ 133,752 | |
| 16-RE-103-CM | Hudson Valley Bridge (HVB) | Deck Shoring & Steel Repairs | 16-Jun | | \$ 4,594,000 | \$ 4,594,000 | \$ 4,061,038 | |
| 16-RE-103-SU | HDR, Inc. | Deck Shoring & Steel Repairs, Const. Insp. | 16-Jul | | \$ 718,965 | \$ 718,965 | \$ 718,965 | |
| 19-RE-119-AC | NYCOMCO | Radio System Upgrade | 16-Aug | | \$ 17,314 | \$ 17,314 | \$ 17,314 | |
| TOTALS | | | | | \$ 6,268,897 | \$ 6,268,897 | \$ 5,446,501 | |

Engineering "Jobs In Progress" for August 31, 2016

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 | | \$58,169 | \$324,160 | | |
| 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:

Modjeski and Masters continue preparing design drawings for this project. The letting date is scheduled for late fall / early winter.

Engineering "Jobs In Progress" for August 31, 2016

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 | | \$102,998 | \$133,752 | | |
| 2016-103-CM | HVB, Inc. (Contractor) | 6/16 | 8/16 | 12/17 | | \$4,594,000 | | \$532,962 | \$4,061,038 | 12% | 14% |
| 2016-103-SU | HDR, Inc. (Construction Supervision) | 7/16 | 8/16 | 12/17 | | \$718,965 | | \$0 | \$718,965 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

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 contract with HVB, Inc. (Hudson Valley Bridge, Inc.) has been fully executed. A preconstruction meeting was held and work began August 1st.

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 | \$ 9,497 | |
| 16-RE-104-CM.44 | In-House | Biennial Bridge Inspection Support-2016 | | 16-Feb | \$ 18,016 | \$ 18,016 | \$ 1,696 | |
| 16-RE-104-CM.45 | In-House | Bridge Painting Upgrades | | 16-Feb | \$ 63,412 | \$ 63,412 | \$ 36,379 | |
| 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 | \$ 3,215 | |
| 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 | \$ 167,906 | |
| TOTALS | | | | | \$ 317,017 | \$ 317,017 | \$ 263,949 | |

Multi-Facility

Engineering "Jobs In Progress" for August 31, 2016

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 | \$125,996 | \$366,254 | | |
| 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 for a few north span deck repairs and installation of the NYS Tourism Signs.

Engineering "Jobs In Progress" for August 31, 2016

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 | | \$6,203 | \$174,597 | | |
| 2017-101-DE.1 | Modjeski & Masters, Inc. (BMB - Design) | 11/15 | 11/15 | 4/17 | | \$174,100 | | \$6,194 | \$167,906 | | |
| 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 is progressing with a project letting scheduled for this fall / winter. Construction will 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 15th day of September 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: September 15, 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 August 18, 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 15th day of September, 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: September 15, 2016

WHEREAS, the Board has reviewed the report relative to the surplus of the 1987 Boston Whaler owned by the Authority, HIN:952B888 and trailer TIN 47GAD3236EB000093 and determined the boat and trailer to be surplus property; and

WHEREAS, NYSBA has agreed to transfer title to said watercraft and trailer for use by the NYSP for river police operations which could benefit New York State and/or NYSBA; and

WHEREAS, the NYSP will agree to own the watercraft for the benefit of New York State and the New York State Bridge Authority pursuant to this Agreement; now therefore,

BE IT RESOLVED, the New York State Bridge Authority does hereby approve the proposed contract between the New York State Bridge Authority and the New York State Police to transfer title; 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 September, 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: September 15, 2016

WHEREAS, the Board has reviewed the report relative to the 2016 Internal Audit Plan and engagement letter; now therefore,

BE IT RESOLVED, the New York State Bridge Authority does hereby approve the 2016 Audit Plan and engagement for the contract BA-2016-OA-001PS awarded at the June 16, 2016 meeting to Tronconi, Segarra & Associates at a not to exceed cost of \$19,500 for the year ending December 31, 2016; and therefore

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

IN WITNESS WHEREOF, this resolution has been duly adopted this 15th day of September, 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: September 15, 2016

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

BE IT RESOLVED, RESOLVED the New York State Bridge Authority does hereby award the contract BA-2016-OA-001 PS for Independent Accountant Services specifying three one year contracts with two one year extensions beginning for the year ending December 31, 2016 for the annual fee of \$16,900 to Toski, Schaefer & Co.; 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 September, 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: September 15, 2016

WHEREAS, the Board has reviewed the report relative to the payment to the New York State Thruway Authority for 2nd Quarter 2016 Bridge Authority E-ZPass costs in the amount of \$971,423.86; now therefore

BE IT RESOLVED that this payment is hereby approved at a cost not to exceed \$971,423.86; 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 September 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.: _____

Resolution Date: _____

WHEREAS, the Board has reviewed the 2017-2021 Capital Program for scope and cost;
and

WHEREAS, the Authority Directors and Executive Office have prepared this plan upon
recommendations from our General Consultant, Modjeski & Masters; now therefore

BE IT RESOLVED that the 2017-2021 Capital Program in the amount of
\$125,518,000.00 be approved; 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
September, 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: September 15, 2016

WHEREAS, §2801 of the Public Authorities Law requires that budget information for fiscal years 2016 and 2017 shall be prepared, adopted, and forwarded in report form to the offices cited in §2801, Public Authorities Law; now therefore and,

BE IT RESOLVED, that the Authority hereby adopts the proposed 2016 and 2017 budgets as required under §2801; 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 September, 2016.

Joseph Ruggiero, Secretary

NEW YORK STATE BRIDGE AUTHORITY
BOARD RESOLUTION

Resolution No.:

Resolution Date: September 15, 2016

WHEREAS, §7.13(c) of the Bridge System Revenue Bond Resolution adopted December 19, 1996 and as amended through supplemental resolutions, requires a review of the financial condition of the New York State Bridge Authority for the purpose of estimating whether the Net Revenues less investment earnings on amounts held in the General Fund and the Construction Fund for each year and for the next succeeding year will be sufficient to provide all the payments specified in subsection (b) of §7.13; now therefore and,

BE IT RESOLVED, that the Authority has completed such a review and has determined the Net Revenues less investment earnings on amounts held in the General Fund and the Construction Fund for the years 2015 and 2016 will be sufficient to provide all of the payments specified by subsection (b) of §7.13; and

BE IT FURTHER RESOLVED, that the Secretary is directed to provide the Trustee with a certified copy of this resolution together with a certificate setting forth a reasonably detailed statement of actual and estimated Revenues and Operating Expenses and other pertinent information upon which such determination was made.

IN WITNESS WHEREOF, this resolution has been duly adopted this 15th day of September, 2016.

Joseph Ruggiero, Secretary