Historic Preservation Monitoring Reports (HPMR) will be distributed monthly and will incorporate summary information provided by archaeological monitor(s). Questions regarding the HPMR reports can be directed to: Christina B. Rieth, Historic Preservation Monitor, New York State Museum, Cultural Resource Survey Program, Albany, New York;crieth@mail.nysed.gov; 518-402-5975

Historic Preservation Report Contents:

I. General Summary of Historic Preservation Monitoring Activities
   - overview of site visits and summary of meetings relating to the Lake Champlain Bridge/Crown Point Historic Site

II. Site Plans and Summary of Future Work
   - summary of Flatiron plans/schedules for work; action items related to Crown Point Historic Site

III. Archaeological Monitoring Summary
   - summary to be provided in conjunction with Aaron Gore, Archaeology Monitor

IV. Issues and Remediation related to Crown Point Historic Site

V. Issues and Recommendations
   - List of concerns from all parties; Recommendations from HPM and NYSDOT CRC

VI. Contacts

VII. Photographs (if relevant to above items)

I. GENERAL SUMMARY OF HISTORIC PRESERVATION MONITORING ACTIVITIES

May 1, 2011--Work on T-wall continues with work being hampered by rain and bad weather. Monitoring excavations conducted by the Archaeological Monitors did not result in the identification of any cultural deposits or intact soils with the monitored areas. Natural soils found at the southern end of one of the trenches.

May 4, 2011-Monitoring temporarily halted since causeway located under several feet of water. Shoreline is also heavily inundated with water as is DEC boat dock. Once water table lowers, work is expected to resume as per Lyle St. Jean of Reale Construction.

Historic Preservation Monitor and NYSM Architectural Historian are working with DOT to address comments received in relation to HABS/HAER report. Comments transmitted by R. Ambuske of NYSDOT, Region 1 from VT SHPO and NYS DEC.

May 10, 2011--Work on T-wall resumes. Archaeological Monitors on site to examine trench material. No intact deposits discovered with most work being contained to fill deposits.

May 12, 2011-Archaeological Monitors talk with Lyle St. Jean and an additional trench will be dug in the vicinity of current interpretive signage south of tollhouse/Visitor’s Center. Possibility of putting trench in known impacted area is determined unfeasible due to construction design. Archaeological monitoring scheduled for May 13th is delayed due to bad weather. Work to be re-scheduled to end of May.

May 16, 2011-Archaeological monitors continue to monitor ‘T-wall’ trenches. Future trench work discussed with Lyle St. Jean of Reale Construction. Expected work to include work near interpretive signs as well as additional drainage work.

May 20, 2011-Walkover of project area by Historic Preservation Monitor to record condition of Fort St.
Frederic, Visitor’s Center/Tollhouse, Crown Point Lighthouse, and Grenedier’s Redoubt. Condition of features remains unchanged. Orange fencing along Fort St. Frederic has been replaced and extend to end of fort near vibration monitors. No visible evidence of disturbance beyond orange construction fencing. Foot path linking Crown Point Historic site and DEC Campground is currently blocked off with equipment and construction supplies. Foot path on Crown Point Historic site side contains standing water and would not be immediately accessible to pedestrian traffic.

Water level in the lake is very high and is encroaching construction area and deposits surrounding Fort St. Frederic. DEC boat dock is largely underwater and are some deposits east of the current Ferry Landing site. Vegetation near slope failure area is largely underwater. (see Photos at the end of this report.)

Work in the lake continues with deck work extending toward piers in the lake. On NY side, deck work is visible from tollhouse/visitor center as well as from Fort St. Frederic. 2011 marker designating bridge construction date visible on west side of bridge superstructure. (see Photos at the end of this report).

May 24-28, 2011--Lyle St. Jean notifies Archaeological Monitors that work on drainage trench near interpretive signs will occur this week. NYSM crew on site to monitor work. Work conducted and no cultural deposits identified. (see Archaeological Monitoring section below).

II. SITE PLANS AND SUMMARY OF FUTURE WORK

See Archaeological Monitoring Summary Below for more detailed information about upcoming monitoring work around T-wall and drainage areas.

III. ARCHAEOLOGICAL MONITORING SUMMARY

Work within the project area focused on two areas: (1) Monitoring of a Common Trench near the extant interpretive signs and portable bathroom and (2) Drainage Channel/T-Wall near the Bridge. Work on the common trench was completed near the Visitor Center Parking lot beginning at dead electrical box protruding from ground near the existing asphalt. The trench was excavated east before angling to the northeast. The trench was excavated to an approximate depth of 1 ft below the ground surface using a small bobcat excavator with rubber coated treads to minimize impacts. No artifacts or cultural deposits were identified. The trench will need to be extended in the future (for a distance of approximately 400 feet). This work is expected to take place in early June.

The second area in which work was conducted was in the vicinity of a drainage channel near the new bridge. Work on this channel had been previously started in April. As part of the construction of the channel, the soil wall near the T-wall was cut back toward the existing earthen ramp. A pig tooth was observed in the fill soils but no other artifacts were identified. In the center of the channel, a soil discoloration containing a lot of flecking was noticed. Examination by the Archaeological Monitors revealed this to be a light colored lens of material intermixed with a layer of light grey clay. All of the “lens” in this area were banded suggesting evidence of individual fill episodes. Profiles of these “lens” will be discussed in the final archaeological monitoring report. (see also Photographs section below).

IV. ISSUES AND REMEDIATION IN RELATIONSHIP TO CROWN POINT HISTORIC SITE

Issue 1. Heavy equipment impacts and road surface wear (No Change)

-Heavy impacts to the existing road surface will be caused by the current construction project.
Remediation: This issue remains unchanged and the existing roadway will be repaired and restored as needed.

Issue 2. Pedestrian Access to Crown Point Historic Site from New York State Department of Environmental Conservation Campground
Access to walkways between the campground and state historic site will be needed so that pedestrian traffic will not be required to walk through construction area and/or cross highway at non-walkway locations.

Remediation: Flatiron/Reale Construction has moved storage areas to roadway so that accessway between walkways isn’t blocked. The walkway is currently closed due to heavy machinery and construction equipment. Walkway expected to reopen when construction complete.

Issue 3. Develop Notification System to inform Monitors when/where impacts to historic/cultural resources will occur. (No change)

- Monitors will need to have advanced notice of construction activities so that decisions can be made as to the extent of monitoring activities needed and number of personnel needed to carry out these activities.

Remediation: Issues related to communication and advance notification between EIC, Flatiron, Reale Construction and Monitors, have been resolved to the satisfaction of all parties.

Issue 4. Bracing of Walls of Fort St. Frederic

- As per the programmatic agreement, the contractor will be responsible for bracing two sections of wall along Fort St. Frederic to limit vibration impacts during construction.

Remediation: The Historic Preservation Monitor has been working with NYSDOT, the CPHS manager, the Saratoga Regional Office of OPRHP, and SHPO to develop a plan for the installation of the bracing. Currently, Ryan-Biggs is developing a set of drawings of the bracing for approval. To date, these drawings have not been delivered to the New York State Department of Transportation, the Historic Preservation Monitor, or the Manager of the Crown Point Historic Site.

- Flatiron determines that bracing around fort is not needed. (See January Historic Preservation Monitoring Report)

V. ISSUES AND RECOMMENDATIONS (Crown Point Historic Site and DEC Campground)

Issue 1. Vibration Impacts to Tollhouse, Fort St. Frederic, Lighthouse, Grenadier’s Redoubt, and CPHS Museum

- Each of these structures will need to be protected during construction. Extensive vibration impacts may lead to additional cracks in structures.

Recommendation: Regular inspection of building walls by site manager, agency preservation coordinator, and historic preservation monitor to insure that new cracks don’t occur as a result of construction. Photographs of cracks will be taken as described above.

VI. CONTACTS

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VII. PHOTOGRAPHS OF HISTORIC PRESERVATION ACTIVITIES WITHIN THE PROJECT AREA

Photograph 1. Looking toward NY Bridge abutment with marker designating 2011 construction of bridge.
Photograph 2. Looking toward DEC dock and lighthouse. Severe flooding covers boat launch on NY side of lake.
Photograph 3. Looking across approach ramp from in front of the tollhouse.

Photograph 5. Looking across wall of Fort St. Frederic from Crown Point Historic Site toward restricted area along bridge abutment.