Michael Baker
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April 17, 2015

Ms. Kathee Burke-Gonzalez
Councilwoman
Town of East Hampton
159 Pantigo Road
East Hampton, New York 11937

Subject: East Hampton Airport (HTO)
Maintenance and Improvement Projects
Priority Recommendation 2015-2019

Dear Ms. Burke-Gonzalez:

Based on our research, discussions with stakeholders, and on-site visits to East Hampton Airport (HTO), we have developed the following prioritized list of projects. Higher priorities were placed on projects that: enhance safety; prevent deterioration of pavement and other infrastructure; and to reduce noise. The order below reflects our recommendation for the order of implementing this improvement program. A brief narrative is included.

Year	Project
2015	**Install AWOS-III Design/ Installation** – HTO is not currently equipped with an FAA-certified weather reporting station. The AWOS-III system will provide pilots and Air Traffic Controllers with near real-time reporting of meteorological conditions at HTO. The weather data also would now be broadcasted out via radio signal for up to 25 miles from HTO. Through a subscription service purchased separately, weather data could also be broadcast over the internet to users through standard flight planning software and weather websites.
2015	**Remove Runway 10-28 Obstructions Preliminary Design** – The FAA has placed a restriction on nighttime instrument approach procedures at HTO for Runway 10-28. The Town recently completed an updated Obstruction Analysis project that identified the height and locations of trees and man-made objects that penetrate the various approach surfaces associated with Runway 10-28. This effort will develop options for the removal of these objects to restore the nighttime instrument approaches at HTO.

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Year	Project
2015	**Design/Permitting Perimeter Fence (Approx. 17,000 LF) –** HTO does not have a perimeter fence that encloses the entire airfield portion of the Airport. The fence that does exist is not high enough to keep deer and other wildlife from roaming onto the airfield. This effort is to complete a metes and bounds survey and develop bid documents for the installation of the fence. Bidding phase services will also be included in this effort.
2015	**Design/Construct Extension of Taxiway A (Parallel Taxiway to Runway 10-28), Bypass Taxiway, Connector Taxiway G –** The primary runway serving HTO (Runway 10-28) does not have a full-length parallel taxiway. Aircraft landing in an eastbound direction have to detour onto the former Runway 4-22 to taxi back to the terminal area and have to cross Runway 16-34 in the process. To enhance safety and efficiency of the airfield system, Airport staff as well as the Air Traffic personnel has expressed the need to complete the middle portion of the parallel taxiway (approximately 850 linear feet).
2015	**Complete Environmental Clearance for various short term improvements (trees, fence, etc.) –** Efforts will be undertaken to obtain environmental clearance to complete the various improvement projects to completed at HTO in the first four years of the program.
2015	**Construct Perimeter Fence (Approx. 17,000 LF) –** The second phase of this project is the actual installation of a new airfield perimeter fence. The new fence will encompass the entire airfield and up to 12 feet high. Powered gates will be installed to control access and enhance security of the Airport.
2015	**Remove Runway 10-28 Obstructions Final Design/Permitting –** The next phase of this critical project will be to develop contract documents and take bids on the actual removal of obstructions and other mitigative measures that will be developed under the above-described effort.
2015	**Conduct Airfield Pavement Evaluation Study –** Portions of the airfield pavement (runway and taxiway) as well as parking (airport aprons) pavements are showing signs of wear and tear. In order to prioritize which of the pavement facilities should be repaired first, an overall evaluation of the conditions of these facilities must take place. The result will be development of a comprehensive rehabilitation schedule and budget.

Year	Project
2016	**Conduct Runway Utilization Study (to determine ultimate airfield configuration) –** It is anticipated that the above-listed AWOS project will be installed and wind data will begin being archived in late 2015. This data, as well as information to be gathered by Air Traffic Controllers, will be used to determine the prevailing winds and the desired runway configuration for HTO. Recommendations will be made as to what the ultimate airfield configuration at HTO should be. Development of a schedule and budget to implement any changes or improvements needed to achieve this configuration will also be included.
2016	**Remove Obstructions to Runway 10-28 Approaches –** The final phase of this project will be the physical removal of trees that penetrate the 20:1 TERPS surfaces identified under previous efforts that exist on property owned by the Town or on property where the Town has been granted access to do so. The effort will also involve installing obstruction lighting where appropriate as well as other measures identified in previous efforts with a goal of enhancing safety and restoring the nighttime instrument approaches for Runway 10-28 at HTO.
2016	**Rehabilitate Runway Pavement Design –** Based on the results of the above-listed pavement evaluation and runway configuration studies, the design of the rehabilitation of Runway 10-28 (and possibly other airfield pavements) will be completed. Bid documents will be developed for the construction phase to be undertaken the following year.
2017	**Rehabilitate Runway Pavement Construction** – The construction of the pavement rehabilitation efforts for the primary runway (10-28) and possibly one of the crosswind runways at HTO will take place. Phasing of this construction to minimize operational impacts and/or completing this work during off-peak times will be a high priority.
2017	**Install Fuel Farm Siting/Design –** HTO currently stores Jet A and Avgas fuel in underground storage tanks. Fuel is dispensed into trucks at the fuel farm into trucks which, in turn, dispense fuel into aircraft. Due to the age of the tanks and the condition and configuration of the dispensing system, the Town desires to replace the entire system with an above-ground fuel farm with storage and dispensing system that meets all current environmental requirements.

Year	Project
2018	**Rehabilitate Terminal Apron Design –** The aircraft parking apron and passenger drop-off/pick up areas have cracking and are in need of maintenance and repair. The previously listed pavement evaluation will be the basis of the type and schedule for the repairs and rehabilitation of these areas. This effort will involve the design and development of bid documents for an anticipated construction effort to occur in the following year.
2019	**Rehabilitate Terminal Apron Construction –** This effort will involve the construction of the parking apron and terminal area ramp designed in the above-listed project. Particular attention will be placed on the phasing of this effort to minimize impacts of construction on the airport operations and users of the facility.
2019	**Install Fuel Farm Construction –** This effort would be the procurement and installation of the above-listed fuel farm facility.

We are available to discuss the list at your convenience. Cost estimates for these projects have been developed and are included in Attachment A. If you have any questions, please do not hesitate to contact me.

Sincerely,
MICHAEL BAKER JR., INC.

Michael J. Waibel

Project Manager

Cc: Jemille Charlton (via email, with attachment)

Attachment