



25 Years of Delivering Excellence & Value

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A New Year's Greeting from AI Engineers, Inc.



Happy New Year!

This should be a very important year for all of us in the infrastructure business: engineers, architects, contractors, construction managers, and suppliers. Addressing our inadequate infrastructure of roads, bridges, airports, transit, housing, and water/wastewater is so critical to our economy and our way of life. Finally, there is strong bipartisan support for funding and moving along with new infrastructure projects.

This is great news for our industry. But the resource challenges of scarce human capital and a

skilled workforce has to be addressed by more collaboration amongst stakeholders and through rigorous training and mentoring programs. There is a lot of work ahead.

Again, I want to wish a prosperous start to this year to our clients, employees, vendors, and well-wishers.

-Abul Islam, PE, FASCE
President/CEO

AI Holiday Party Awards



Several AI employees received awards at the 2016 holiday party, and they are pictured on the left. Congratulations to all those who were recognized!

The most noteworthy award, Employee of the Year, was received by Joseph Cancelliere, PE. Joe is an outstanding employee who takes initiative and accepts and carries out additional responsibilities beyond his regular job duties. He excels in the art of customer satisfaction, exhibits traits of the entrepreneurial spirit and takes real ownership of any project assigned to him.

Abul Islam also received an award from the Executive Committee to recognize his 25 years of business success and keen leadership of the AI organization.

[Click here to visit the AI website for more information on the award recipients.](#)

Featured Project: PANYNJ LaGuardia Airport Central Terminal Building Replacement

Founded in 1939, LaGuardia Airport remains one of the busiest domestic and regional airports in the country. Originally built in 1964, the current structure was designed to service eight million passengers annually. In 2015 the building served 31.4 million passengers, but its lack of critical update since the 60s had reached the attention of Governor Andrew Cuomo who has initiated a major focus to bring the airport up to speed.

Currently, the Port Authority of New York and New Jersey (PANYNJ) has begun a major modernization and redevelopment program

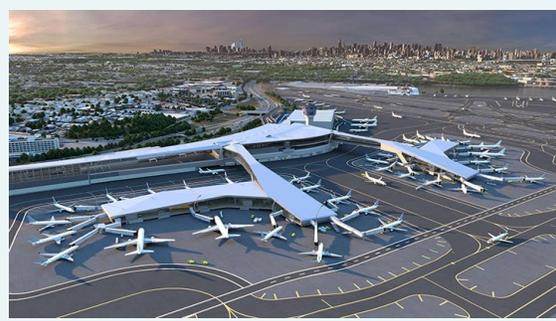


for LaGuardia Airport to meet the needs of the 21st Century, creating one of the largest infrastructure projects in the country, with an estimated construction cost of \$4 billion. Work has begun, including improvements to the facility such as new terminals, an expansive Central Hall, a new West Parking Garage, pedestrian walkways, replacement of aging infrastructure and upgrades to the airfield and aircraft taxiways.

Parsons Brinckerhoff | HOK Design Joint Venture has contracted AI to provide support services for the design of the water system, natural gas system, sanitary sewer/force main, 5kV duct banks, and communications utilities for a significant portion of the project. To manage utility and building conflicts, 3D BIM modeling for the proposed infrastructure replacement is being utilized. AI is also responsible for providing temporary utility connections based on construction phasing, and abandonment and removal plans for the final conditions. The project is scheduled to be completed in early 2021.

All images courtesy of:

<http://laguardiaairport.com/redevelopment>



New Project: MassDOT Statewide Bridge Load Rating



Recently, AI was awarded the MassDOT Load Rating contract that includes analyses and evaluations of in-services bridges, Statewide. Having worked on this load rating contract before for MassDOT, AI has performed more than 78 load rating analyses and evaluations. These structures have included precast concrete deck units, simply supported and continuous steel multi-girder bridges of up to 10 spans, and steel trusses with emphasis on analysis of gusset plates, splice plates and primary member connections.