



ASCE FALL 2018 MEETING – *BUILDING AN AIRPORT FOR THE FUTURE*

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#NumbersGame

AIRPORT FAST FACTS:

International
Destinations

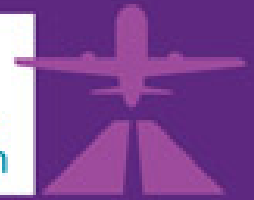
NOW
32 in 24
different
countries

Then: 28

Take offs
& Landings

NOW
5th in the
nation

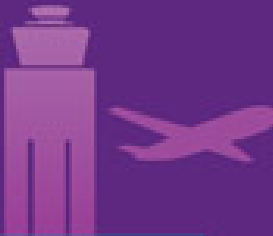
Then: 16th



Daily
Departures

NOW
700
Average

Then: 524



Passengers

NOW
44.8
million

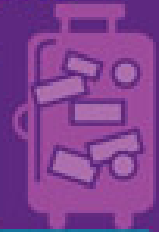
Then: 31.3 million



Nonstop
Destinations

NOW
160

Then: 124



"NOW" based on 2015 survey data. "Then" based on 2005 survey data.

#NumbersGame



67% increase



123% increase



123% increase

"NOW" based on 2015 survey data. "Then" based on 2005 survey data.

Destination CLT Video

Link for Destination CLT Video:

<https://www.youtube.com/watch?v=n3IGIdNqddQ>



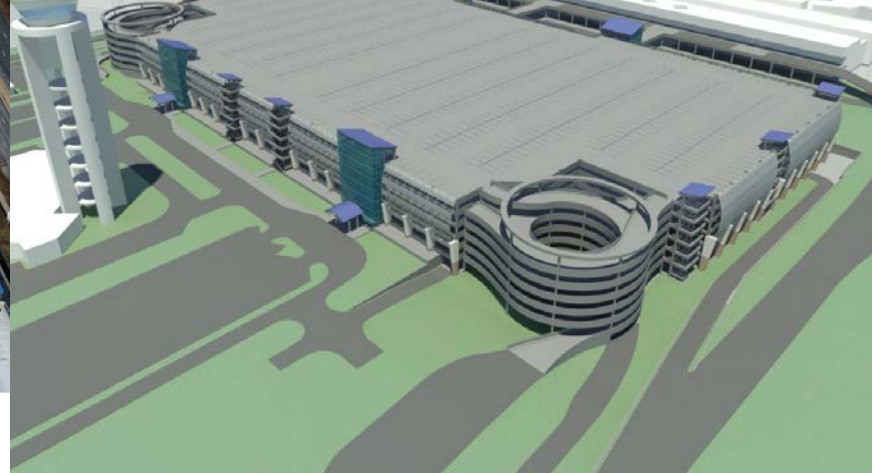
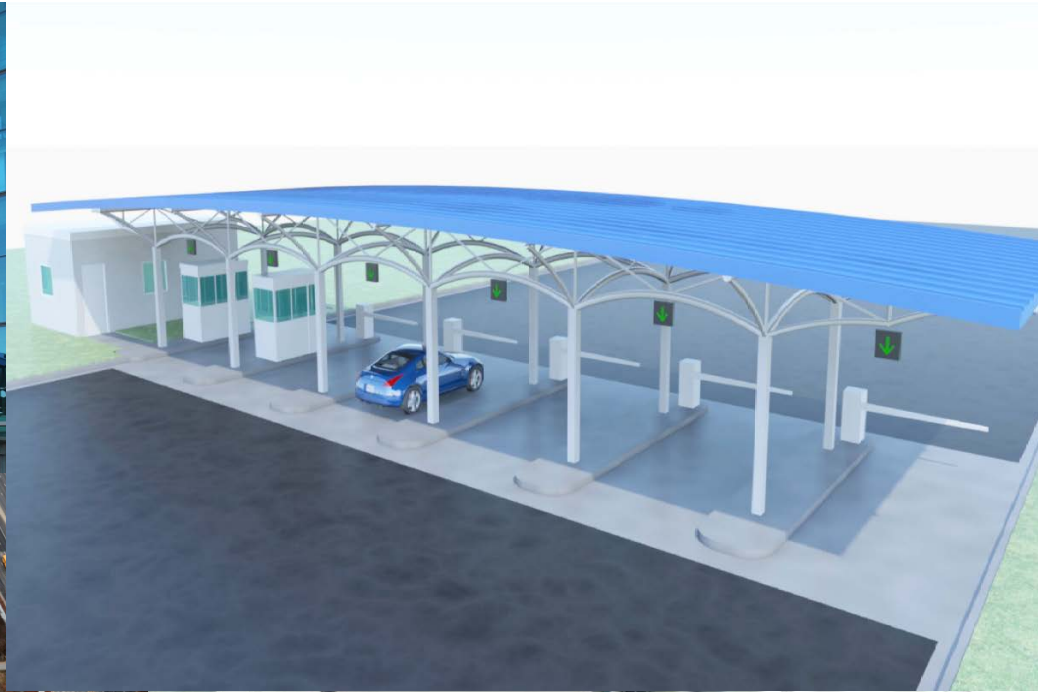
Project Updates



Airport Entrance Road



Parking Decks and Toll Plazas



727.520.8181
www.aerophoto.com

Charlotte Douglas International Airport
Business Valet Parking Deck No. 2

Image # 141218 0008
Date 12.18.14



Elevated Roadway



Airfield and Terminal Projects on Concourse E



- 1) & 2) East Ramp
- 3) Baggage Transfer Point
- 4) Ramp Replacement - Complete
- 5) 4 Gate Expansion
- 5) Training Room
- 5) 10 Gate Expansion
- 6) Passenger Boarding Bridges
- 7) East Terminal Phase II

Training Room and 4 Gate Expansion



Training Room and 4 Gate Expansion



East Terminal Phase II



East Terminal Phase II





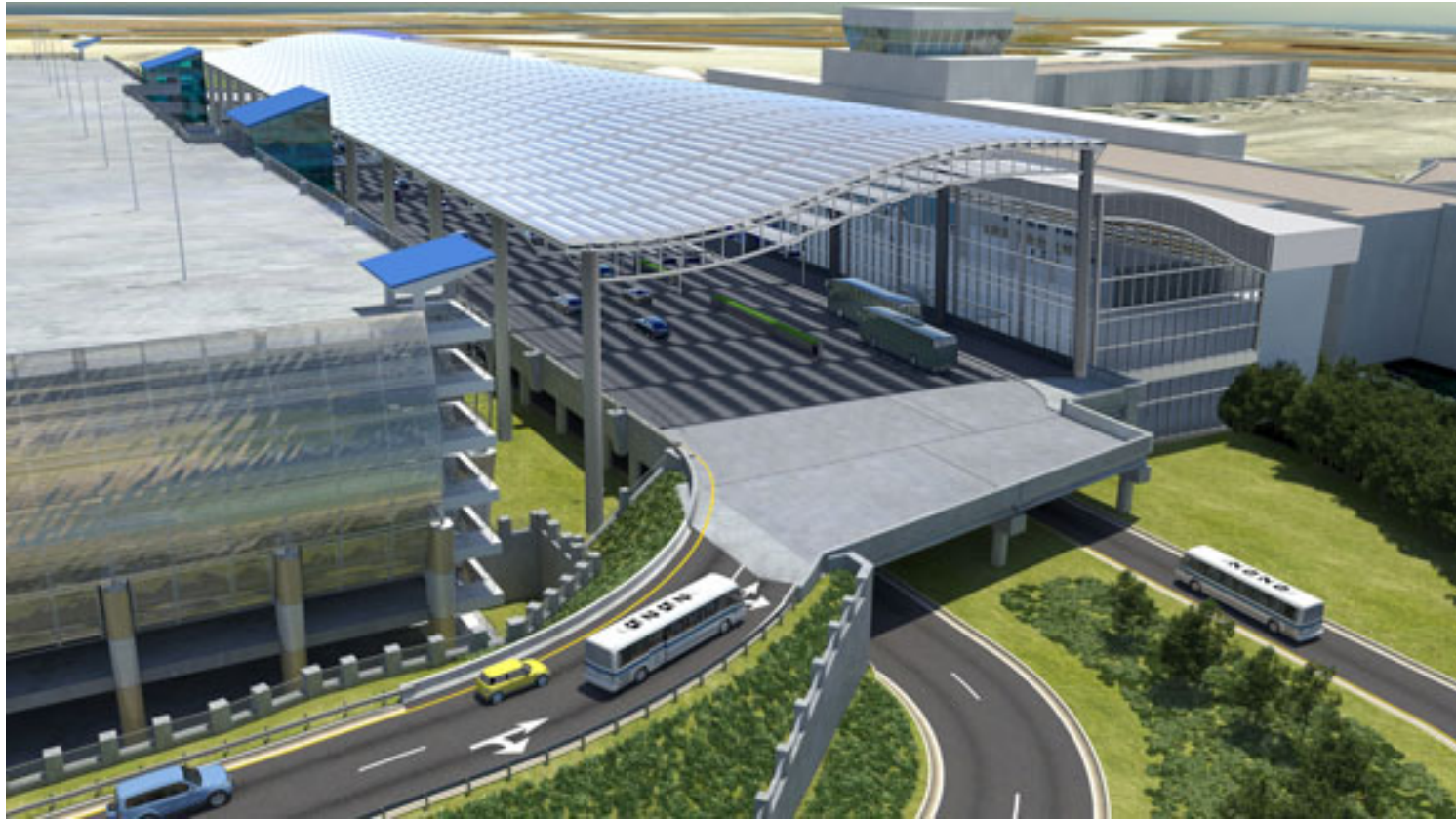
Concourse A Expansion

<https://www.youtube.com/watch?v=qCi2yN8N58M>

Concourse Renovations



Terminal Lobby Expansion



<https://www.youtube.com/watch?v=oqhGZfjO0Nc>



Future Concourse and Gate Expansions





Fourth Parallel Runway



End-Around Taxiway and Cross-Field Taxiway





STEM Related Fields at CLT

- Structural
- Geotechnical
- Traffic and Transportation
- Environmental
- Hydraulics and Hydrology
- Utilities
- Mechanical
- Electrical
- Plumbing
- ITS and Systems
- Pavement Design
- Architectural
- Aeronautical/Aerospace
- Construction Management
- Project Scheduling
- Contract Law



Aptitude/Interest

- Public Service
- “Systems” Analysis
- Combination of “Hard” and “Soft” sciences
 - Math/Physics
 - Probabilistic Methods and Decision Theory
 - Social/Environmental
- Degree in:
 - Civil Engineering or Civil Engineering Technology
 - Aviation Management, Planning
 - Architecture or Architectural Engineering
 - Construction Management
- Certifications:
 - Professional Engineering License (PE)
 - Airport Certified Employee (ACE)
 - Certified Member of AAAE (CM)
 - AAE (Accredited Airport Executive)

CLT Airport: Building an Airport for the Future!

