

Newark Liberty International Airport (EWR)

MAJOR CONSTRUCTION PROJECTS SINCE 1993

Air Traffic Control Tower
 AIRIS Cargo Center
 Continental Airlines Baggage Handling Facility: New baggage handling facility at Terminal C
 United Airlines Cargo Building
 Continental Airlines Concourse C-3
 Continental Airlines Hangar 54
 Continental Airlines Hangar 56
 International Air Cargo Center: New multi-tenant cargo facility built in 1998 by Airis Development Group, a developer specializing in airport cargo facilities
 Continental Airlines Global Gateway Project: New third concourse (C-3) with 12 wide-body gates and a new FIS facility
 Parking Garage C: New 3,200 –car multi-level parking deck with enclosed connectors to Terminal C.
 Terminal A: Check Point Reconfiguration for TSA
 Enterprise Rent A Car - Car Rental Facility Renovation
 Terminal C - Renovation for United Airlines Colocation
 Terminal B - Hudson News Retail Space Renovation

Terminal B - Modernization Project

POST CONSTRUCTION ASSESSMENTS

LEGEND:	
Code	Code Required Assessments
Non-Code	PA Assessments that are not required by code
NYC Only	Façade Assessments required by code in NYC only
NJ Only	Assessments required by code in New Jersey only

VERTICAL TRANSPORTATION, BOILER & REFRIGERATION INVENTORY

Elevators		Escalators		Moving Walks		Boilers		Refrigeration Systems	
PA	Tenant	PA	Tenant	PA	Tenant	PA	Tenant	PA	Tenant
46	81	49	80		23	18	27	16	25

FACILITY CONDITION SURVEY PROGRAM INVENTORY

BUILDINGS	BRIDGES				TUNNELS		PIERS & WHARVES	SIGN & LIGHT STRUCTURES	LIGHT/CATENARY POLES
	VEHICULAR	PEDESTRIAN	LIGHT RAIL SYSTEM	RAIL	VEHICULAR	RAIL			
91 Total	2.5 mi. (766,600 s.f.)	2	3.4 mi. (6.8 mi. track)					594	1,432
Façade									
11									
Structural Items other than Façade									
146									

FAÇADE ASSESSMENT SCHEDULE

BUILDING NAME	HEIGHT (Ft.)	LAST FAÇADE ASSESSMENT	NEXT FAÇADE ASSESSMENT
Terminal B	80	2009	2014
Terminal C	75	2009	2014
Terminal A	83	2009	2014
Continental Hangar (Bldg 54)	94	2011	2016
Brewster Hangar (Bldg 55)	73	2013	2018
Continental Hangar (Bldg 56)	92	2011	2016
FAA - Control Tower	325	2010	2015
Parking Garage (Lot P4)	106	2010	2015
Marriott Hotel (Bldg 346)	95	2013	2018
FEDEX Facility (Bldg 347)	77	2012	2017
FAA Continental Control Tower at Terminal C	144	2010	2015

MANDATED INSPECTIONS

FACILITY	DESCRIPTION	ACTION TAKEN	YEAR COMPLETED
EWR	Damaged Expansion Joint at Bridges N9, N20, N21	Steel plates installed at N20, N21. Joints repaired at N20, N21. repaired spall at N9.	1999
EWR	Bridge Fascia Panel was hit by Truck	Fascia panel was removed, new panel installed	2000
EWR	Bridge N3 west approach expansion joint is loose	Repaired expansion joint	2000
EWR	Bridge N16 crack in stringer web	Drilled hole at end of stringer crack	2000
EWR	Bridge N-21 loose deck joint	Temporary plate installed	2000
EWR	EWR Bridge N20 impact damage to panel	Repaired panel	2001
EWR	EWR Bridge N20 impact damage to panel	Repaired panel	2001
EWR	Bridge N7 parapet impact damage	Repaired parapet	2001
EWR	Bridge N-6 impact damage to fascia panel	Repaired cracks	2001
EWR	Bridge N20 damage precast panel	Repaired panel	2001
EWR	Bridge N8 damaged fascia panels	Repaired fascia panels	2002
EWR	Bridge N8 loose anchor bolts nuts	Nuts tightened by facility	2002
EWR	Terminal A impact damage to bridge N18	Removed damage fascia panel	2003
EWR	Impact damage to fascia panel at bridge N20	Repaired fascia panel	2003
EWR	Bridge N20 loose concrete on concrete beams	Loose concrete removed.	2004
EWR	Bridge N4 & N7 deteriorated expansion joints	Plate installed over expansion joint at N4	2004
EWR	Bridge N18 bent and undermined bearings	Shored up girders	2004
EWR	Bridge N40 spalled concrete bearing pedestals	Repaired pedestals	2005
EWR	Undermined bearing at bridge N18, N19, N20	Shored up fascia beams	2006
EWR	Bridge N18: precast fascia panel cracked	Repaired fascia panel	2006
EWR	Bridge N4: Hole through deck at the west abutment expansion joint	Temporary steel plate installed.	2008
EWR	Bridge N12: deteriorated expansion joint at west abutment	Temporary steel plate installed.	2008
EWR	Terminal A and Bridge N18 - deteriorated concrete at expansion joint	Repair expansion joint sealant, deteriorated trough and spalled header beam	2009
EWR	Bridge N21 - deteriorated prestress concrete beam	Removed loose concrete	2009
EWR	Bridge N19- Pier 4- Deteriorated Concrete and undermined Bearing	Repair pier cap and restore the bearing seat of Beam 6 and 7	2011
EWR	BLDG 38- Impact Damaged Steel Canopy	Repair damaged framing	2011
EWR	BLDG 56- Unsecured Heater Stacks	Remove or secure the Heater Stacks	2011
EWR	BLDG 178 (terminal C parking garage) - Deteriorated expansion joints.	Provide a temporary cover over the 12' damaged limits	2011
EWR	Bldg 39-corroded roof joists.	Repair/Replace the joists.	2011
EWR	Terminal A - Satellite A1 - Impact Damaged Partition wall.	Repair the wall	2011
EWR	BLDG 54 - Missing bolts at connection	Install the 14 missing bolts	2011
EWR	Bridge N1 Expansion Joint Header and Missing Armed Angle	Temporary repair Expansion Joint Header	2012
EWR	Bridge N6 - Deteriorated Expansion joint header	Repair the concrete header	2012
EWR	Delaminated Concrete at bridge N2	Remove area of delaminated concrete	2012
EWR	Bridge N21 - Pier 10 - Deteriorated concrete and undermined bearing	Repair the spalled Pier cap and reset the displaced bearing. install temporary shoring below the west end of beam 9 in the vicinity of pier 10	2012
EWR	Bridge N19,N20,N21 and N56 - Deteriorated concrete	Remove Deteriorated concrete	2012
EWR	AIRTRAIN Guideway base section - Pier DLT 09 Airside bearing - Shifted Pin.	Reset the bearing pin to engage 100% interface at the bearing assembly and replace the cotter pin.	2012
EWR	Terminal C3 - High Mast Light Tower - Cracked Luminaire connection	Repair the deficient connection	2012
EWR	Bridge N20 - Deteriorated Concrete at Pier 4	Repair the deficient connection	2012

EWR	Bldg 346- Marriot Hotel Façade - Cracked and Hollow Areas	Remove the cracked and hollow sounding parge coat	2013
EWR	Terminal A - Satellite A3 - Fuel Vault at Gate 34 - Deteriorated Concrete	Install Protective Cover for Piping and remove all the concrete. Install temporary shoring for vault slab on an immediate basis pending permanent repair on a priority basis (tracking no. EWR-BDASAT-003)	2013
EWR	Airis Parking lot - Light Poles 564&570 Pole Deterioration	Repair or remove the poles	2013
EWR	Airis Parking lot - Light Poles 561,562,565 - Pole Deterioration	Repair or remove the poles	2013
EWR	Lot P-7 Timber Pole Deterioration	Repair or remove the poles	2013
EWR	Lot P-7 Timber Pole Deterioration	Repair or remove the poles on immediate basis	2013
EWR	Building 26- Partially Detached Wooden Canopy	Repair brackets	2013
EWR	BLDG 347 - Detached soffit hangers	Restore the Hanger connections to the steel framing	2013