

Goethals Bridge (GB)

MAJOR CONSTRUCTION PROJECTS SINCE 1993

Wire way interducts for Fiber Optic cables

Goethals Bridge Replacement Project (planning phase)

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
2						3			

FACILITY CONDITION SURVEY PROGRAM INVENTORY

BUILDINGS	BRIDGES				TUNNELS		PIERS & WHARVES	SIGN & LIGHT STRUCTURES	LIGHT/CATENARY POLES
	VEHICULAR	PEDESTRIAN	LIGHT RAIL SYSTEM	RAIL	VEHICULAR	RAIL			
4	1.65 mi. 406,503 s.f.							42	80
Façade									
0									
Structural Items other than façade									
4									

FAÇADE ASSESSMENT SCHEDULE

BUILDING NAME	HEIGHT (Ft.)	LAST FAÇADE ASSESSMENT	NEXT FAÇADE ASSESSMENT
No buildings over 72 feet			

MANDATED INSPECTIONS

FACILITY	DESCRIPTION	ACTION TAKEN	YEAR COMPLETED
GB	Goethals Bridge PP 36E EB Hole in Deck	Roadway plate installed	2000
GB	Sign structures G6 & G7 impact damage	G7 - replaced damaged sign panel & lights	2000
GB	Impact damage to barrier at Pier A	Repaired the barrier	2000
GB	Goethals Bridge west of Pier 26W 1st floorbeam - deteriorated haunch	Repaired haunch	2001
GB	Two Holes in sidewalk	Steel plate put over holes	2002
GB	Light tower east of tollbooth had crack in base around 1 bolt	Tower removed	2002
GB	Goethals Bridge light pole sustained impact damage	Pole was removed	2002

GB	misaligned and broken expansion joint at Pier A	Expansion joint was temporarily welded by facility. Replaced joint	2003
GB	PP14E deteriorated concrete at joint	Plate installed temporarily. Repaired deteriorated concrete	2003
GB	Deteriorated joint at Pier 1W eastbound	Repaired deteriorated joint	2003
GB	Deteriorated expansion joint 13E	Repaired joint on priority basis	2003
GB	Deteriorated deck between 24W & 27W	Repaired deteriorated deck	2003
GB	Loose expansion joint at piers A&D	Repaired Expansion joints	2003
GB	Pier A expansion joint broken	Expansion joint was rewelded.	2003
GB	Damaged expansion joint at Pier 16W	Welded loose section of expansion joint	2004
GB	Deteriorated expansion joint at Pier A	Temporary weld fingerplate to support angle	2004
GB	Light pole 184 & 186 corroded	Removed light poles	2006
GB	NY Approach: deteriorated & loose concrete	Removed deteriorated & loose concrete	2008
GB	NJ Approach -Pier 132W- Deteriorated concrete Cap Beam	Removed deteriorated & loose concrete	2010
GB	Ramps 6&7 at NJ approach - Missing Signs for vertical under clearance	Install a 14'-3" Vertical clearance posting signs	2012
GB	NY approach roadway - Pier 8E - Loose expansion joint plate	Secure the plate by replacing the missing bolts in kind and tightening the loose bolts	2012
GB	Cracked scupper EB Roadway P16E-P17E	Replace Grating	2012
GB	GB maintenance Bldg - Deteriorated steel columns supporting cooling tower at second floor roof	Repair the deteriorated steel columns	2012
GB	NY&NJ approach roadways - Loose Deck Joints at piers 128W and 4E	Temporarily repair the broken section of the joint plate at pier 128W. permanent repair to be completed on a priority basis. It is also recommended to replace the missing and tighten the loose bolts at pier 4E	2013