

## Bayonne Bridge (BB)

### MAJOR CONSTRUCTION PROJECTS SINCE 1993

Bayonne Bridge Roadway Raising Project (under construction)

### POST CONSTRUCTION ASSESSMENTS

**LEGEND:**

|                 |   |
|-----------------|---|
| <b>Code</b>     | Code Required Assessments                       |
| <b>Non-Code</b> | PA Assessments that are not required by code    |
| <b>NYC Only</b> | Façade Assessments required by code in NYC only |
| <b>NJ Only</b>  | 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      | PA                    | Tenant |
|           |        |            |        |              |        | 2       |                       |        |

### FACILITY CONDITION SURVEY PROGRAM INVENTORY

| BUILDINGS                                 | BRIDGES                 |            |                   |      | TUNNELS   |      | PIERS & WHARVES | SIGN & LIGHT STRUCTURES | LIGHT/CATENARY POLES |
|---|-------------------------|------------|-------------------|------|-----------|------|-----------------|-------------------------|----------------------|
|   | VEHICULAR               | PEDESTRIAN | LIGHT RAIL SYSTEM | RAIL | VEHICULAR | RAIL |                 |                         |                      |
| 2   | 1.3 mi.<br>513,363 s.f. |            |                   |      |           |      |                 | 46                      | 57                   |
| <b>Façade</b>                             |                         |            |                   |      |           |      |                 |                         |                      |
| 0   |                         |            |                   |      |           |      |                 |                         |                      |
| <b>Structural Items other than Façade</b> |                         |            |                   |      |           |      |                 |                         |                      |
| 2   |                         |            |                   |      |           |      |                 |                         |                      |

### FAÇADE ASSESSMENT SCHEDULE

| BUILDING NAME                    | HEIGHT (Ft.) | LAST FAÇADE ASSESSMENT | NEXT FAÇADE ASSESSMENT |
|----------------------------------|--------------|------------------------|------------------------|
| No building facades over 72 feet |              |                        |                        |

### MANDATED INSPECTIONS

| FACILITY | DESCRIPTION                                       | ACTION TAKEN                                    | YEAR COMPLETED |
|----------|---|---|----------------|
| BB       | Bayonne Bridge NJ approach loose concrete         | Loose concreted removed by SEMAC                | 2001           |
| BB       | Bayonne Bridge NY approach Pier 15 loose concrete | Removed all loose concrete, repaired pier       | 2001           |
| BB       | Impact to fascia panel at PP 14N to 15N           | Fascia panel was removed                        | 2001           |
| BB       | Loose bolts at finger joints                      | Bolts were replaced; no further action required | 2004           |
| BB       | Loose bolt at finger plate #2                     | Facility replaced loose bolt                    | 2005           |
| BB       | Deteriorated fascia stringer                      | Repaired fascia stringers                       | 2005           |
| BB       | Hollow and delaminated concrete in NY abutment    | Removed delaminated concrete                    | 2007           |

|     |  |  |      |
|-----|--|--|------|
| BB  | NY approach: overhead sign B-15 cracked base   | Repaired base  | 2008 |
| BB  | NY approach - PP0S deteriorated stringer and catwalk channel                         | Repaired stringer and catwalk channel  | 2009 |
| BB  | NJ Approach Pier 10S- Deteriorated Nested Rocker Bearing                             | Repaired rocker bearing  | 2009 |
| BB  | Panel Point 16- Deteriorated Sub-Floor beam  | Repaired Deteriorated beam   | 2009 |
| BB  | <i>NJ Approach Deteriorated concrete</i>   | <i>Removed deteriorated concrete</i>   | 2010 |
| BB  | <i>Impact Damage to sign Structure B-9</i>   | <i>Sign Panel was secured</i>  | 2010 |
| SIB | Sign and lighting Structures - Structure B-113 at Bayonne Bridge loose signal light. | Secure the connection of traffic signal light support  | 2011 |
| BB  | NJ Approach- Cracked base plate of LP#189  | Remove the light pole  | 2011 |
| BB  | Deteriorated Catwalks and supports at PP 0S, PP 0N and PP 8S                         | Repair the catwalks  | 2012 |
| BB  | Impact Damage to west wind chord and diagonal bracing between PP 20 and 19N          | Clean and paint impacted members on routine basis  | 2012 |
| BB  | NJ approach- Deteriorated East Fascia Beams at Piers B6 and B18                      | Since the replacement of this structure is currently underway, It is recommended to Temp. Shore the deteriorated east fascia beams at piers B6 & B18 pending replacement | 2013 |