

**NASSAU COUNTY BRIDGE AUTHORITY
5 YEAR CAPITAL PLAN
2009 TO 2014
DETAIL SCHEDULE**

NAME OF PROJECT:	ESTIMATED COSTS:	ESTIMATED START DATE:	ESTIMATED COMPLETION
1. RESURFACING OF APPROACH ROADSWAYS & TOLL PLAZA PHASE II-- (Replace Toll Plaza Island, Treadles and Frames)	\$1,000,000	OCTOBER 2011	0%
2. BASCULE SPAN MECHANICAL & ELECTRICAL COMPONENTS UPGRADE Replacement of all Motor, Brakes, and Switches, Replacement of the Current Control System, Replacement of all Motor Drives with Flux Vector Type Drives, Replacement of Open Type Switchboards with an MCC (Motor Control Center) or New Control Cabinet, Replacement of all Conduit and Wiring (except Submarine Cables), Replacement of Existing Control Desks with Control Console, and Temporary Span Operation, as required, and to include Bridge Tower Electrical Room. Testing and Replacement.	\$7,500,000	NOVEMBER 2009	0%
3. REPAINTING OF BRIDGE STEEL SUPERSTRUCTURE (Per Hardesty & Hanover Letter of February 15, 2006) The Steel Members that support the Bridge that received a thorough removal of lead paint and rust and a new three coat paint system during the 1998 Rehabilitation will require a cleaning and overcoat in a 10 year cycle. (Painting essentially completed in 2001; next cycle would be 2011).	\$750,000	APRIL 2012	0%
4. REPAIRS TO CONCRETE PILES AT APPROACH SPANS (Per Hardesty & Hanover Letter of February 15, 2006) These steel reinforced concrete piles are vertical supports that carry the bridge approach from the roadway down to the channel bottom. These areas are in a marine environment and are susceptible to deterioration. Some areas repaired during the	\$150,000	APRIL 2011	0%

1998 Rehabilitation are already showing signs of deterioration.

<p>5. STRUCTURAL STEEL REPAIRS (Per Hardesty & Hanover Letter of February 15, 2006, and 2007 Bi-Ennial Report) This will repair structural steel members not done during the 1998 Rehabilitation, that now need repairs.</p>	\$2,500,000	NOVEMBER 2009	0%
<p>6. STRUCTURAL RENOVATION OF TOLL BOOTHS Complete Interior and Exterior-- Replacement of Doors, Counters, Canopy (Traffic Control) Lighting, Flooring, Signage and New Intercom Communication System</p>	\$500,000	OCTOBER 2010	10%
<p>7. REPLACEMENT OF SIDEWALK ON APPROACH ROADWAYS To include: Replacement of Electrical Service Vaults Covers, Replacement of Wooden Timber Perimeter Fencing and Corrugated Steel Guard Rails</p>	\$41,000	OCTOBER 2010	0%
<p>8. REPAVING OF PARKING LOT AND REAR AREA OF MAINTENANCE SHOP</p>	\$263,000	APRIL 2010	0%
<p>9. REPLACEMENT OF STEPS To include: Relacement of Steps from the Parking Lot to the Toll Plaza, Entrance Way Steps and Sidewalk to the Administration Building</p>	\$46,000	SEPTEMBER 2009	0%
<p>10. RETROFIT OF AUTOMATIC TOLL COLLECTION MACHINES/SELF SCANNER</p>	\$75,000	OCTOBER 2008	5%
<p>11. REPLACEMENT OF ADMINISTRATION/TOLL LANE COMPUTER EQUIPMENT To include: Lane Controllers and Monitors To include: Replacement of fifteen (15) computers, computer software, hardware, printers and furniture work stations.</p>	\$150,000	OCTOBER 2007	35%
<p>12. REPLACEMENT OF TOLL LANE GATES & MECHANICAL HOUSING AT TOLL PLAZA</p>	\$75,000	OCTOBER 2007	80%

13. VEHICLE REPLACEMENTS

\$450,000

- 1987 Ford Bucket Truck
- 1990 Ford Dump Truck
- 1990 Volvo Michigan Wheel Pay Loader
- 2000 Ford Explorer
- 2000 Chevrolet Impala
- 2003 Chevrolet Dump Truck
- 2006 Ford Pickup

2012
2010
2011
2010
2010
2013
2016

14. REPLACEMENT OF TIMBER RAILING AT BRIDGE APPROACHES

\$99,000

APRIL 2010

0%

- To include removal and replacement of exiting Timber Railing with Decorative Piping Railing on both Sidewalks

TOTAL:

\$13,599,000