

Element	Dimensions	Quantity	Recommended Treatment
Flagpole Base - East	~2.1m tall x 1.5m Ø	100% of total area	Remove existing coatings as per specs.
		40% of total area	Remove loose corrosion products using approved methods and materials. Do not clean down to bare metal.
		2	Replicate in bronze, patinate to match adjacent surfaces, and install missing bronze triglyph ornament using "blind" fasteners.
		2 fasteners	Resecure existing triglyph using "blind" fasteners, and spot patinate.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
		100% of total area	Apply protective coating as per specs.
Flagpole Base - West	~2.1m tall x 1.5m Ø	100% of total area	Remove existing coatings as per specs.
		75% of total area	Remove loose corrosion products using approved methods and materials. Do not clean down to bare metal.
		1	Replicate in bronze, patinate to match adjacent surface, and install missing bronze triglyph ornament using bronze "blind" fasteners.
		2	Grind down head of exposed fasteners on existing triglyph ornament and peen to match adjacent surfaces. Patinate repair area to match adjacent surfaces.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
		100% of total area	Apply protective coating using approved methods and materials.
Flagpole Finial / Mast - East	~2.7m tall		Contractor's metal conservator to review all surfaces to verify the presence of gold leaf, and then make a report of findings, with recommendations on conservation approach based on what is found, to the Departmental Representative. Departmental Representative will review and provide direction. Do not proceed with remaining conservation work until direction is issued.
			Carry out a Bielstein Test(s) to confirm the presence of chlorides on the underside of the truck mechanism, as per specs.
			Inspect pulleys to determine serviceability. Replace in-kind if required.
		2	Replace ferrous cotter pins at pulleys and replace with brass.
		100%	Remove existing coatings as per specs.
		10%	Remove loose corrosion products using approved methods and materials. Do not clean down to bare metal.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.

		100% of total area	Apply protective coating using approved methods and materials.
Flagpole Finial / Mast – West	~2.7m tall		Review by a Structural Engineer. Remove for repairs.
			Contractor's metal conservator to review all surfaces to verify the presence of gold leaf, and then make a report of findings, with recommendations on conservation approach based on what is found, to the Departmental Representative. Departmental Representative will review and provide direction. Do not proceed with remaining conservation work until direction is issued.
		1	Replace in-kind missing pulley and inspect other pulley to determine serviceability. Provide a bronze pulley mechanism complete with bronze axle and fasteners, based on existing.
		100%	Remove existing coatings as per specs.
		10%	Remove loose corrosion products using approved methods and materials. Do not clean down to bare metal.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
		100% of total area	Apply protective coating using approved methods and materials.
Torchère - East	~3.5m tall x 0.7m Ø		Contractor to remove, crate, transport, complete treatment off-site and reinstall.
		100% of total area	Remove existing coatings as per specs.
		40%	Remove loose corrosion products using approved methods and materials. Do not clean down to bare metal.
		60%	Realign arm components that are misaligned.
		100%	Ensure drainage/weep holes are clean.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
		100% of total area	Apply protective coating using approved methods and materials.
Torchère - West	~3.5m tall x 0.7m Ø		Contractor to remove, crate, transport, complete treatment off-site and reinstall.
		100% of total area	Remove existing coatings as per specs.
		70%	Remove loose corrosion products using approved methods and materials. Do not clean down to bare metal.
		60%	Realign arm components that are misaligned.
		2	Replace ferrous screws with bronze slotted-head screws and patinate to match adjacent surfaces.
		100%	Ensure drainage/weep holes are clean.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.

		100% of total area	Apply protective coating using approved methods and materials.
		1	Replace damaged plexiglass shades to same size, detail and opacity.
Lamp #1	~1.3m tall x 0.6m Ø	100%	Disassemble lamp to the extent necessary to complete the work. Clean inside and out – remove insect debris & bird guano, clean vent holes, clean glass
		3 units	Remove glass lenses from doors and associated sealants. Reinstall as per specs.
		1unit	Replace cracked/broken glass lens with new to same size, shape and opacity. Reinstall as per specs.
		4	Replace missing or broken screws on glazed doors.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
Lamp #2	~1.3m tall x 0.6m Ø	100%	Disassemble lamp to the extent necessary to complete the work. Clean inside and out – remove insect debris & bird guano, clean vent holes, clean glass
		4 units	Remove glass lenses from doors and associated sealants. Reinstall as per specs.
		4	Replace missing or broken screws on glazed doors.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
Lamp #3	~1.3m tall x 0.6m Ø	100%	Disassemble lamp to the extent necessary to complete the work. Clean inside and out – remove insect debris & bird guano, clean vent holes, clean glass
		4 units	Remove glass lenses from doors and associated sealants. Reinstall as per specs.
		4	Replace missing or broken screws on glazed doors.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
Lamp #4	~1.3m tall x 0.6m Ø	100%	Disassemble lamp to the extent necessary to complete the work. Clean inside and out – remove insect debris & bird guano, clean vent holes, clean glass. Replace electrical.
		4	Remove glass lenses from doors and associated sealants. Reinstall as per specs.
		4	Reinstall curved doors and other components previously removed and stored.
		8	Replace missing or broken screws on glazed doors.
		100%	Realign bronze components on top of lamp.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.

Lamp #5	~1.3m tall x 0.6m Ø	100%	Disassemble lamp to the extent necessary to complete the work. Clean inside and out – remove insect debris & bird guano, clean vent holes, clean glass
		3	Remove glass lenses from doors and associated sealants. Reinstall as per specs.
		1	Replace cracked/broken glass lens with new to same size, shape and opacity. Reinstall as per specs.
		4	Replace missing or broken screws on glazed doors.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
Lamp #6	~1.3m tall x 0.6m Ø	100%	Disassemble lamp to the extent necessary to complete the work. Clean inside and out – remove insect debris & bird guano, clean vent holes, clean glass
		3	Remove glass lenses from doors and associated sealants. Reinstall as per specs.
		1	Replace cracked/broken glass lens with new to same size, shape and opacity. Reinstall as per specs.
		4	Replace missing or broken screws on glazed doors.
		1	Replace missing pendant
		1	Tap and plug hole 25mm Ø hole in base using threaded bronze rod and peen to match adjacent surfaces. Patinate repair area to match adjacent surfaces.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
Lamp #7	~1.3m tall x 0.6m Ø	100%	Disassemble lamp to the extent necessary to complete the work. Clean inside and out – remove insect debris & bird guano, clean vent holes, clean glass
		4	Remove glass lenses from doors and associated sealants. Reinstall as per specs.
		4	Replace missing or broken screws on glazed doors.
		2	Replace missing pendants
		100%	Remove caulking from around lights and from bronze door frames
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
Lamp #8	~1.3m tall x 0.6m Ø	100%	Disassemble lamp to the extent necessary to complete the work. Clean inside and out – remove insect debris & bird guano, clean vent holes, clean glass
		4	Remove glass lenses from doors and associated sealants. Reinstall as per specs.
		4	Replace missing or broken screws on glazed doors.
		1 unit	Realign pendant.

		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
Statue - Veritas	~3m tall		Contractor to remove, crate, transport, complete treatment off-site and reinstall.
			Contractor is to remove the statue from its base. Allow for review by the Departmental Representative after removal to confirm conditions and anchorage. Allow for the replacement of anchorage with stainless steel anchorage based on Departmental Representative direction.
		100% of total area	Remove existing coatings using approved methods and materials.
		75% of total area	Remove loose corrosion products using approved methods and materials. Do not clean down to bare metal.
		2	Tap and plug holes in the lower areas of drapery using threaded bronze rod and peen to match adjacent surfaces. Patinate repair area to match adjacent surfaces.
		1	Drill 10mm Ø weep hole in the lowest catch point where water pools.
		75% of total area	Spot patinate surface to blend areas of sulphate corrosion into the existing areas of brown patina.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
		100% of total area	Apply protective coating using approved methods and materials.
Statue - Justicia	~3m tall		Contractor to remove, crate, transport, complete treatment off-site and reinstall.
			Contractor is to remove the statue from its base. Allow for review by the Departmental Representative after removal to confirm conditions and anchorage. Allow for the replacement of anchorage with stainless steel anchorage based on Departmental Representative direction.
		100% of total area	Remove existing coatings using approved methods and materials.
		75% of total area	Remove loose corrosion products using approved methods and materials. Do not clean down to bare metal.
		2	Tap and plug holes in the lower areas of drapery using threaded bronze rod and peen to match adjacent surfaces. Patinate repair area to match adjacent surfaces.
		1	Drill 10mm Ø weep hole in the lowest catch point where water pools.
		75% of total area	Spot patinate surface to blend areas of sulphate corrosion into the existing areas of brown patina.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent.
		100% of total area	Apply approved corrosion inhibitor.
		100% of total area	Apply protective coating using approved methods and materials.
Statue - Louis St-Laurent	~1.2m x 1.7m x		Contractor to remove, crate, transport, complete treatment off-site and reinstall.

	2.0m tall		Contractor is to remove the statue from its base. Allow for review by the Departmental Representative after removal to confirm conditions.
		100% of total area	Remove existing coatings using approved methods and materials.
		40% of total area	Remove loose corrosion products using approved methods and materials. Do not clean down to bare metal.
		40% of total area	Spot patinate to blend areas where sulphate corrosion has been removed into the existing areas of brown patina.
		100% of total area	Clean surface using approved non-ionic surfactant and/or detergent
		100% of total area	Apply approved corrosion inhibitor.
		100% of total area	Apply protective coating using approved methods and materials.

END OF SECTION