

Waterproofing and Sealant at City Garages

Section 1 – Specification

Scope of Work

This specification includes the repair and resurfacing methods used when applying products over cracked, spalled, deteriorated structures. The contract will be for the preparation and application of the waterproofing and the sealants. The method of repair will create a slip resistant surface designed for heavy foot traffic and vehicular traffic.

Joseph Downes Garage - 75 John Street – approximately 40,000 sq ft .

- 1) The work includes all labor, materials, equipment and services required for completion of work under this Section as specified.
- 2) The Contractor shall have at least 10 years of experience with similar concrete repairs. The Contractor is responsible to demonstrate the ability to complete such repairs in an acceptable manner with Aesthetics being important to the Project Manager.
- 3) Remove existing joint sealant and replace with new backer rod and sealant on the deck only.
- 4) All existing coatings, sealers, curing agents and other foreign materials must be removed by shot blast equipment (or approved alternate by City Project Manager) in order to reveal clean concrete.
- 5) Provide preconstruction and construction mockups of resurfacing materials for approval by the Project Manager.
- 6) Install a water-repellant such as (see attached for pre-approved products) or approved equal over the entire concrete concourse deck. Clean and prepare concrete surfaces as required by the manufacture to apply coating. Surfaces must be clean and free of dirt, oil, grease, mildew, efflorescence. Do not use chemicals cleaners to clean and prepare substrate. Apply two coats of water repellent coating as specified by the manufacture. Allow the water repellent coating to cure according to the manufactures recommendations before allowing any traffic or work on the concrete surface.
- 7) Water based products are preferred
- 8) Preferred products are attached, equals are accepted, the City will be the sole judge whether the alternate product(s) are equal
- 9) Must use Ma-Dot approved materials

Option #1

George Ayotte Garage – Davidson Street - approximately 63,000 sq ft . using the same specifications listed above for the Joseph Downes Garage.