



Watford Bridge
Waterproofing and Expansion Joint Replacement

Bermuda

Annex A
Scope of Work

Date: July 10, 2016

Project No. 44-11-76



Part 1 GENERAL

Scope of Work

- .1 The Works consists of:
 - .1 Coordination of works with Works and Engineering crews,
 - .2 Excavation and removal of the existing waterproofing membrane and associated repairs to the concrete bridge deck,
 - .3 Removal of the existing expansion joints and associated repairs to concrete deck and joint bed,
 - .4 Supply and installation of a bridge deck waterproofing membrane,
 - .5 Protection of the waterproofing membrane when the new asphalt pavement is being placed by Works and Engineering crews,
 - .6 Supply and installation of new polysulphide joint filler,
 - .7 Supply and installation of new expansion joints,
 - .8 Supply and installation of the new stainless steel sidewalk cover plates,
 - .9 Maintenance/reinstatement of public utility ducts within the existing sidewalk and bridge deck locations.
- .2 Removal of the arising shall be in accordance with the latest editions of the Ministry of Public Works Waste Management Plan.
- .3 The Contractor shall pay particular attention to the environmental requirements of this Specification.
- .4 The Contractor shall phase their works to minimize disruption to traffic through a safe and effective traffic management methodology.
- .5 The Contractor shall submit method statements to demonstrate how they intend to undertake the removal of the existing waterproofing membrane safely without risk to the existing concrete deck, statutory utilities and public vehicular and pedestrian traffic.
- .6 All areas to receive new bridge deck joints and waterproofing shall be inspected by the Engineer and repaired as necessary with an approved high strength concrete repair mortar. Steel fixings for the existing joint mechanism shall be cut back to give a minimum of 50 mm cover prior to reinstatement of the concrete deck profile.
- .7 Changes to the deck joint bed profile to receive the new joint, if required, shall be undertaken with an approved high strength concrete repair mortar.
- .8 Water proofing shall be with an approved proprietary spay applied system. Installation



shall be by a licensed contractor and shall carry a service warrantee.

- .9 Deck expansion joints shall be asphaltic plug joints, or equal, detailed with joint drainage.
- .10 Deck surfacing shall be preceded by a red warning layer, or similar, over the waterproofing membrane.
- .11 Surfacing of the deck with wearing course, mix design shall be approved by the Engineer.
- .12 Installation of road markings on completion of the scheme and this work shall be performed by the Ministry.

Part 2 Restrictions

- .1 Noise: Propose a plan to mitigate noise, including methods of drilling and probing, equipment to be used, and acoustical treatments.
- .2 Blockage of channels: All work is to be completed without blocking the channels or disrupting normal marine traffic.
- .3 Traffic: All work is to be completed while one lane of traffic is being maintained. Traffic control shall be maintained 24/7.

END OF SCOPE OF WORK