

## TAY ROAD BRIDGE IMPROVEMENT WORKS – MARINE LICENSE APPLICATION

### Section 6 – additional sheet

#### Deposits and/or Removals

(a) Permanent substance(s) or object(s) to be deposited and/or removed from below MHWS

Type of Deposit/Removal	Deposits		Removals	
	Description	Quantity & Dimensions (metric)	Description	Quantity & Dimensions (metric)
Concrete	Concrete repair mortar to replace defective concrete removed from bridge deck	52 m3 119,600 kg	Estimated existing defective concrete to be removed from deck	52 m3 119,600 kg
Waterproofing Primer	Cold spray applied Acrylic based primer	35,213 m2 8,803 kg	Waterproofing membrane to bridge deck	1,626 m2
Waterproofing first coat	3-component acrylic resin-based waterproofing membrane	35,213 m2 42,255 kg		
Waterproofing second coat	3-component acrylic resin-based waterproofing membrane	35,213 m2 42,255 kg		
Waterproofing bond coat	two-component bond coat.	35,213 m2 5,282 kg		
Precast Concrete	Install new Precast concrete kerbs	2,250m length 528,595 kg	Remove old defective precast concrete kerbs	2,250m length 592,087 kg
Expansion Joints	Install new expansion joints (buried and elastomeric in metal rail joints)	92 no. 662m length	Remove existing defective expansion joints	92 no. 662m length
Bituminous Material	Install new hot rolled asphalt surfacing	2,456 m3 5,415 tonnes	Remove existing defective surfacing	2,456 m3 5,415 tonnes
Thermoplastic Screed	Remove centreline along with surfacing	2,250m	Replace centreline with new white lining	2,250m

(d) Temporary substance(s) or object(s) to be deposited above MHWS

<b>Type of Deposit</b>	<b>Description</b>	<b>Quantity &amp; Dimensions (metric)</b>
Temporary access scaffold	Kerledge supported temporary scaffold system providing access from carriageway over parapet to working platform below concrete deck cantilever to accommodate concrete repair works.	20 no.  Approx. 5m long x 3 m wide x 4m deep per location
Polyethylene sheeting	Encapsulation system to capture concrete waste from demolition prior to concrete repairs	20 no.  Approx. 63 m <sup>2</sup> per location