### Transport Access Program - Wharf Upgrades

**A typical sequence of onsite activities**

**OCTOBER 2014**

<table>
<thead>
<tr>
<th>Onsite activities include</th>
<th>Timing</th>
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| • Close existing wharf where required and provide alternative transport  
• Aquatic dives – relocate marine fauna  
• Site Compound set up – hoardings, site sheds, environmental controls  
• Demolition and removal of existing redundant wharf and piles  
• Setup piling rig | Stage 1 (up to 1 month) |

Install:
| • Fixed platform piles – drill, set (hammer) and cut to height  
• Pontoon piles – drill, set (hammer) and cut to height  
• Grout precast beams  
• Precast panels  
• Side access scaffolding to precast panels | Stage 2 (1 to 2 months) |

Install formwork for slab edge
| • Install balustrade bases  
• Install services conduits  
• Install reinforcement for topping slab  
• Pour concrete topping slab  
• Cure concrete topping slab and seal  
• Install gangway landing bracket  
• Install pile sliding plates | Stage 3 (up to 1 month) |

Install balustrades to fixed platform
| • Tow pontoon to site  
• Install pontoon, connecting pile guides to pontoon  
• Tow gangway to site  
• Install gangway by crane  
• Install electrical – lights, communications, CCTV  
• Install glazing | Stage 4 (up to 1 month) |

Install flooring
| • Trial berthing of ferries  
• Install seats  
• Install signage  
• Ballast pontoon  
• Complete fit off and commission  
• Final clean  
• Disestablish site compound - site sheds and hoarding  
• Handover completed wharf to Roads and Maritime Services  
• Open wharf | Stage 5 (up to 1 month) |

• Contingency for latent conditions or inclement weather

*Construction time is dependent on the size and location of the wharf. Indicative timing is between five and six months.*