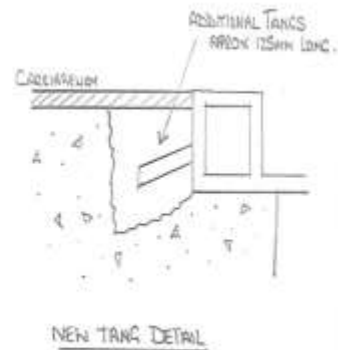
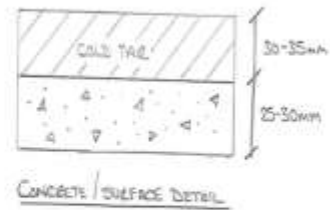
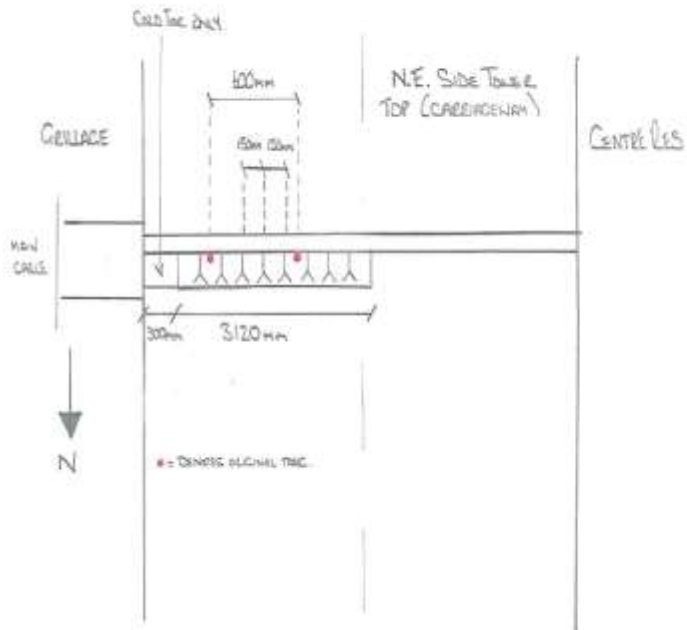




An urgent repair was undertaken on the southbound carriageway during a nightshift on the 17th of July, 2012; at Panel Point 00 N.E. at the side tower.



This temporary repair was carried out with the same detail as P.P. 00 N.W. on the 14th of February, 2012. In carrying out these repairs, it was found that the existing anchors had failed.



Main sketch on plan view

Two original tangs were exposed (marked with red dot). These tangs had split and an air gap of approximately 30mm was present. They are also showing signs of corrosion. These tangs have a spacing of 600mm between them, possibly confirming that there could be tangs at this spacing over the entire length, as with the N.W. Eight additional tangs were added (see detail above) with a spacing of approximately 150mm.

The new tangs were welded into position and the area was cleared of dust and debris. Rapid set concrete was mixed and poured in to a depth of approximately 25-35mm completely covering the new tangs. The concrete was allowed to cure for 1hr – 1.5hrs. The concrete was overlaid with a road surface filler and compacted before a hot applied sealant was used on the joints.

It should be noted that no tack coat was used on the concrete surface prior to the road surface filler being laid.

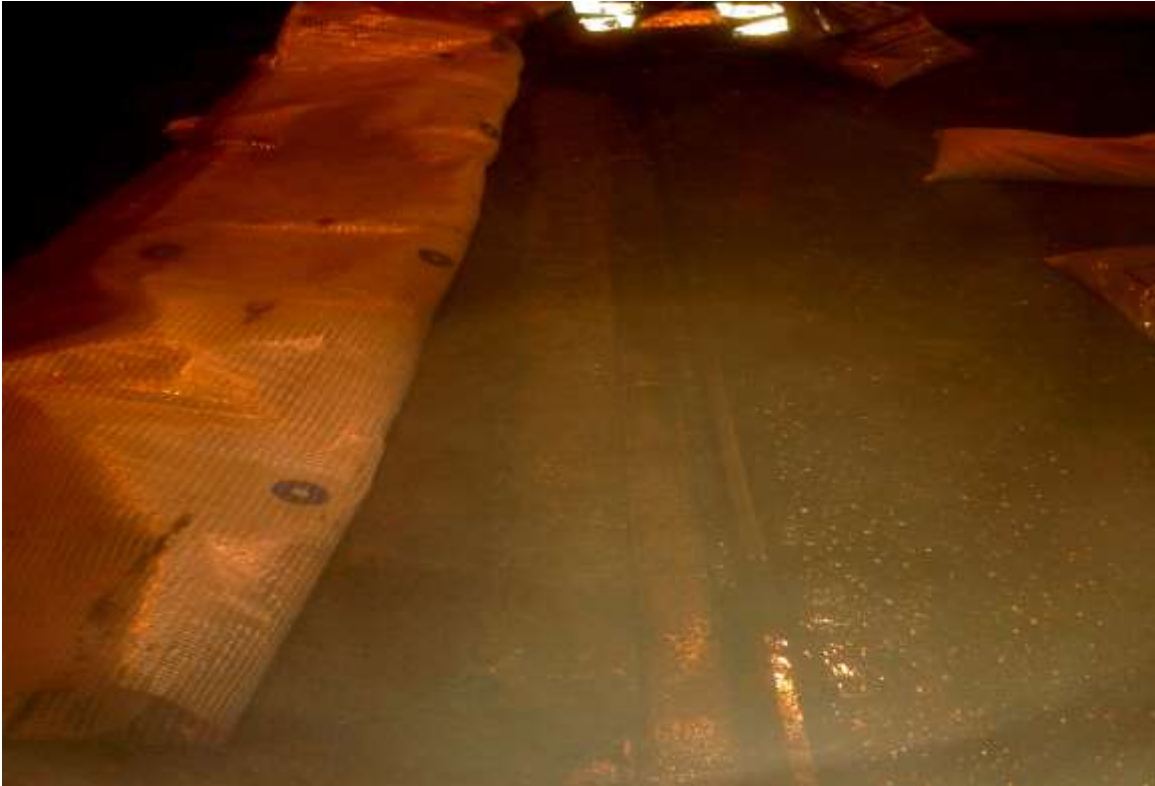
Bridge Inspector:



Original Tang.



New Tangs welded into place.



Concrete in situ.



Finished Surface.