

The San Francisco Oakland Bay Bridge is a ten lane highway that links Oakland and San Francisco, carrying approximately 10,200,000 vehicles per year across its two decks. Maintenance and repair work on the bridge is constant.



*Critical machining. We completed the complex and critical components for both the large and small cable bands.*



*Bridging the gap. This impressive bridge links Oakland & San Francisco.*

All of our cable band castings for this project were supplied fully machined, painted and vulcanised together with the associated bolting.

Utilising our BTF CNC machining centres, we were tasked with the machining of the castings produced by our sister company Goodwin Steel Castings (GSC).

Once machining was complete, each component was processed through ultrasonic and magnetic particle non-destructive testing. This was then followed by coating before preparing them for despatch.

### Project Specifics

Two types of cable band were manufactured:

- B13 type 2, carbon steel cable band; the combined weight of the two halves equates to 6,600kg.
- B4 type cable band in carbon steel with an assembly weight of 2,000kg.
- Corrosion protection included zinc aluminium spray and a multi-coat two-pack epoxy resin paint spray