

PROJECT FILE:

Bridge Access Projects: FORTH ROAD BRIDGE: Tower Access, Maintenance Painting Platform:

After the success of using the tower access platform below the bridge deck the custom designed suspended access platform supplied by ALPS was installed above the deck.

To facilitate installation a large rigging platform & dropped object canopy was erected at the base of the south tower above the carriageway and the suspended access platform was assembled on top of the rigging platform above the live carriageway with some 60,000 vehicles per day passing directly below.



Safety was of paramount importance, the platform being raised and lowered using 12 on board 2400Kg capacity hoists each one protected by a separate independent safety devices. A total of 24 X 100M 16mm wire ropes were used to suspend, raise and lower the platform.

The cross bracings were passed by removing individual filer panels and re placing them once the platform had passed.

Once the South tower has been completed the complete system including suspended access platform and dropped object canopy will be moved to the north tower.



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