

## **CONEY ISLAND TEMPORARY BAILEY BRIDGE ASSEMBLY/LAUNCH**

1. Survey Section to check final line/ levels for setting down launch/landing rollers and construction rollers.
2. Construct 4 bays of launching nose with single unreinforced panels, with female connections leading, and complete with launch links 1 bay from the front.
3. Construct 1 bay of double single reinforced panels complete with tapered chords fitted to the bottom.
4. Construct 1 bay of double single reinforced panels. The fitting of stringers can now be commenced progressively or left until all bays have been completed. Launch bridge until no more than 2 launch nose bays have passed over rocking rollers.
5. Construct 3 additional bays of double single reinforced panels. Launch bridge until 3 launch nose panels have passed over rocking rollers.
6. Construct final bay of double single reinforced panels.
7. Ensure that landing rollers are correctly aligned and complete launch of bridge.
8. When first bay of launching nose has passed the landing rollers, lock bridge in position and dismantle this first bay. Move bridge forward and repeat for each bay of launch nose in turn until all 4 bays have been removed.
9. When last bay of bridge has passed the last set of construction rollers, on the East side, the female end posts can be fitted; the launch procedure finishes when these posts are over the bearing positions.
10. Pack under last panels and insert jacks under the transom bracket of each end post. Raise bridge on both jacks in tandem and remove rocking rollers and then lower onto bearings, again in tandem, to permit gradual removal of packing.
11. Fit male end posts to other end of bridge on the West side and then fix adjacent transom to these posts. Repeat jacking operation as previous.
12. Fix in position all 4 bearing plates using resin anchors or similar.
13. Fix timber decking throughout.
14. Thoroughly inspect completed bridge ensuring that all components are aligned, bolts and clamps tightened, pins are complete with restraining clips etc.