

# 1444 – The Hope Project (Koko)

## Truss Temporary Works Sequence

22/03/19



This is a high-level sequence proposed by HTS. Od to develop the sequence further in line with their temporary works strategy, HTS to review detailed proposal.

- 1) CDS to confirm that their current propping solution will be satisfactory once the truss has been removed
- 2) Prop existing secondary girders (completed)
- 3) Build a roof structure or otherwise weatherproof the works
- 4) Build a crash deck below
- 5) Demolish small filler joist slab to east side of truss ensuring that all remaining structure to the east can be self-supported w/o the truss
- 6) If deemed necessary by the temporary works engineer, support the slab edge west of the truss. This is carried north-south between girders, but the very edge may need additional temporary support if this is currently supported on the truss
- 8) Install new truss in 3 sections, splices designed to control movement - HSFG bolts. Fix this to the existing columns to steel contractor design. Consider how the truss is held in place until spliced and connected
- 9) Connect dome roof girders to the new truss with jacked connections per HTS drawings (80% DL jacked)
- 10) Steel contractor detail to carry slab edge on new truss if required - to be confirmed once temporary works are proceeding.
- 11) This is now considered stable, and further works incl. new connections to the east and additional girder connections to the west can commence in line with programme. Note that jacking of load is also required to new girders. Weatherproofing and crash deck to remain where necessary until all relevant works are completed.
- 12) Any damage to the slabs from temporary propping to be made good, details of visual finishing by others.