

SUCCESS STORY

Hi-Lite Aluminum Concrete Support Systems
16K Aluminum Modular Shoring



F.J. HORGAN WATER
TREATMENT FACILITY,
TORONTO ON, CANADA

LORNE PARK WATER TREATMENT
FACILITY,
MISSISSAUGA ON, CANADA

PROJECT STATISTICS:

- Contact Area: 71,700 sq m (772,000 sq ft) of formwork
Concrete Volume: 26,000 cu m (920,000 cu ft)
- Slab Thickness: 200mm to 700mm (8" to 27.5") with height variation from 5m to 8.5 (17' to 28')

PROJECT DESCRIPTION:

Expansion of a water treatment plant capacity from 570 to 1,030 ML/D

PROJECT CHALLENGES:

Winning infrastructure projects relies on a contractor's ability to save time and money – while safely completing the job. The contractor chose Hi-Lite's 16K Aluminum Shoring Frame with the Quick Release Pin and 184mm (7-1/4") stringers to take higher loads and save on labour.

PROJECT RESULTS:

The contractor saved significant labour hours by increasing the productivity cycle. The Quick Release Pin enabled the contractor to release the load while moving the equipment to the next location – saving time and money. Additional savings were gained by the increased spacing between frames enabled by the higher load capacity of Hi-Lite products compared to steel (less equipment to cover bigger area), which resulted in less handling labor.



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