



26% Reduction in labour

Construction industry client





The Challenge

Background

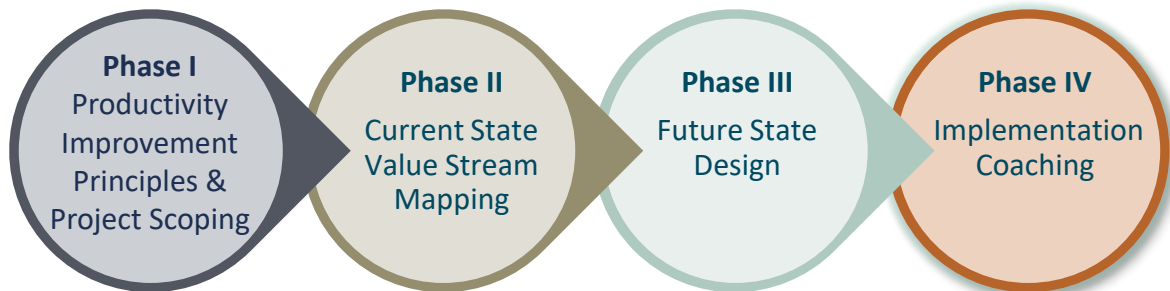
A three-month improvement project was undertaken on during the construction of Western Canada's largest museum. The project involved the contractor and the subcontractor and was focused on improving the productivity of the stone façade installation process. Running behind schedule, the project timeline was a risk.

Project Challenges

- Membrane install and testing created schedule disruptions, creating delays
- Substrate variation created delays and rework
- Stone rework and quality issues causing delays
- Specialty plate delivery further impacting schedule

The Process

Collaboratively applying Lean Six Sigma principles



10 key improvements were identified and immediately implemented



The Results

Benefits for the contractor and subcontractor

Relief from project frustrations

- Increased collaboration and open communication
- Quickly reaching mutual agreements, saving time for management

Made positive adjustments mid-project

- Increased meeting efficiencies and effectiveness
- Improved team and focus during site walk-arounds

Improvement Results

LABOUR HOURS / STONE

Before

5.6

After

4.1

- 26% improvement in labour efficiency
- On-time project completion