Case Study - Dyke Wall / Structural Wall

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Project Overview: The project involved constructing a covered structure for mixing ores before smelting them into various metals. The proposed building was to measure 650 feet by 200 feet and exceed 70 feet in height, making it a massive structure. The primary concerns for the customer were **cost, schedule, and safety**.

Solution: Lafarge Precast proposed an alternate design utilizing its precast Dyke wall containment system as the structural wall system. This solution involved 20-foot-high precast walls, replacing the originally planned cast-in-place (CIP) design, while still accommodating an additional 50 feet of structural building on top.

Benefits Delivered: Lafarge's innovative solution effectively addressed the customer's concerns by:

Delivering over **$2 million in direct savings** to the project.

Reducing the overall project schedule by **5 months**.

Minimizing on-site crew size for installation, enhancing safety and efficiency.

Contact your Lafarge representative,
Call 780-485-4500 or visit
www.lafargeprecastedmonton.com

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