A History of Innovation, Growth & High Performance

1990's Continued

1998 Brampton Courthouse

Aluma Systems works with Verdi Forming Ltd. on the six-story, 380,000 sq-ft. Brampton Courthouse in Brampton, Ontario, designing a special application of the Super Truss. This innovation shortens cycle time to a significant degree and brings the job in on time and on budget.

1999 Caruachi Hydroelectric

Aluma Systems supplies international joint venture firm Consorcio Dravica with a wide range of custom-made forms for the construction of Caruachi Hydroelectric Project in Caruachi-Puerto Ordaz, Venezuela.

Brampton Courthouse, Brampton

2000's

2000 Charles River Bridge

Aluma Systems meets contractor Atkinson/Kiewit's demanding technical specifications by custom-building the form and falsework supports used on each of the Boston bridge's pylons.

2001 Pearson Airport Parking Garage

This seven story facility in Toronto will have 12,000 parking spaces when complete, making it one of the largest parking structures in North America. Aluma Systems satisfies contractor Structform/Hardrock JV's extensive equipment requirements with a variety of forming and shoring products including over 1,000 Trusses.

2005 Aluma Acquisition

Brand Energy & Infrastructure Services acquires Aluma Systems, providing an even stronger financial foundation and expansive resources to better serve the flourishing concrete construction market. With the largest capital investment in Aluma's history, significant investments are made in the development of a variety of innovative formwork systems.

2007 City Center

Perini Corporation awards Aluma the formwork package on their Las Vegas City Center project, largest privately financed project in the US history. Aluma manages formwork projects for the 66 acre, 60 story conglomerate of casino, hotel, retail, dining and entertainment venue floor space.

Charles River Bridge, Boston, Massachusetts

2008 Aqua

Aluma's hi-flyer shoring system is utilized to deliver the stunning balconies that define Aqua, Chicago's prestigious new high rise development. During the project, contractors achieved an outstanding 3 day pour cycle and improved production time by 30%.

Aqua, Chicago

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BRAND ENERGY & INFRASTRUCTURE SERVICES

Consult our Engineering Department for assistance in the application of these accessories. Illustrations and photos are not to scale. All dimensions nominal.

Building More Than Skylines. Building Trust.

Aluma Systems' Concrete Construction Division delivers high-efficiency formwork and engineering solutions to construction clients world-wide.

SERVICES

- Needs Analysis and Proposals
- Shoring and Forming Estimates
- Vertical Forming Technologies
- Horizontal Forming Technologies
- Aluminum and Steel Shoring Solutions
- Flying Form Table Systems
- Engineering Design
- Custom Forming Solutions
- Safety Programs and Training
- Pre-Assembly On and Off-Site
- Project Management
- Temporary Access Scaffolding

Aluma SYSTEMS

A History of Innovation, Growth & High Performance

A History of Breakthrough Engineering

Aluma Systems began in 1972, when a young engineering crew tried to keep production costs down and profits up in the face of rising labor wages. The result was the Aluma Beam®, a breakthrough in construction engineering that revolutionized the industry by introducing high grade aluminum forming and shoring components to replace the expensive and heavy steel equipment.

With four decades of experience in more than 50 countries, Aluma Systems improves the quality and speed of construction all over the world. From high-rise towers, dams and stadiums to bridges, transit systems, and water treatment plants no one has revolutionized on-site productivity more than Aluma Systems.

1970's

1976 Olympic Games

Dominic Supports & Form Ltd. becomes one of the first contractors to reap the benefits of the Aluma Beam® and Truss system. On the Olympic Village in Montreal, flying form tables approximately 60 ft. long and 20 ft. wide are used to form flat slabs, a system which dramatically increased productivity.

1977 International Growth

With export sales to Venezuela and Norway, Aluma Systems rapidly extends its ability to deliver products and services to concrete construction contractors around the world.

1978 Reaching New Heights

Village by the Grange is built in Toronto by Tridel Corporation using the Aluma Systems flying form table system and wallform system, products that contributed to the completion of the project in record time.

Olympic Village, Montreal

1980's

1980 Complete Temporary Works Provider

Aluma Systems adds access scaffolding to its forming and shoring product base. By pooling the assets of three construction supply companies under the UMACS of Canada umbrella, Aluma Systems is able to provide unparalleled support to light and heavy construction sites across North America.

1985-87 Miami Helipad

Miami International Airport's Helipad is built by Central Construction Inc., using Aluma Frame® and Aluma Beam® products plus a variety of shoring Trusses, accessories and Aluma Systems' Engineering expertise.

1980-85 Global Expansion

Aluma Systems continues to grow through joint ventures, distributorships and marketing offices in Japan, Europe, the U.K., South America, Southeast Asia and the Middle East.

1986 Full-Service

Aluma Systems becomes a full-service concrete supply company with North America's largest and most comprehensive inventory or forming, shoring, scaffolding and accessories. Through the acquisition of California- based Burke Company, Aluma Systems adds hand-set and crane-set system to its fleet, broadening the company's product base, inventory and concrete construction capabilities.

Helipad, Miami International Airport

A History of Innovation, Growth & High Performance

1980's Continued

1986 Time-Saving Products

Contractor P.G Miron's innovative use of Aluma Systems truss and shoring products cuts construction time in half on the A.C.L.M Support Building at Sawyer Air Force Base in Marquette, Michigan.

1985-89 I-85/285 Interchange

Jasper Construction uses more that 5,000 units of Aluma Frame® on the site of I-85/285 Interchange in Atlanta during the building of this complex, high profile, four-year project.

1988 SkyDome

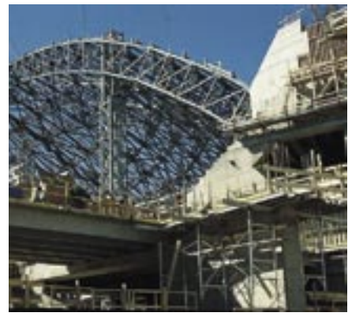
Contractor Ellis Don, Aluma Systems' engineers and designers of Toronto's SkyDome work together to create a specialized and highly efficient shoring system dependent on load capacities of Aluma Systems Trusses and Frames.

1989 Extends Distribution System

The acquisition on Anthes Industries Inc. by Aluma Systems expands the company's shoring and scaffolding product line and extends its distribution network across North America. With Anthes 14 divisions in Canada and two in the U.S., Aluma Systems is able to provide customers with a heavy duty steel truss system, as well as shoring frames in 10, 11, 15, 30 and 100 kips per leg capacity.

1989 Soviet Joint Venture

Aluma Systems embarks on its first Soviet joint venture in Moscow



SkyDome, Toronto

I-85/285 Interchange, Atlanta

1990's

1990-91 World Markets

Aluma Systems moves into new markets in Europe, Asia and the Middle East. A second joint venture is established in Moscow to market construction accessories, chemicals and other materials.

1991 Rocket Test Facility

U.S. Department of Defence contractor Ebasco/Newberg J.V. chooses Aluma Systems to provide both equipment and design expertise during the building of the J6 Rocket Test Facility in Nashville.

1994 Confederation Bridge

Strait Crossing Joint Venture selects Aluma Systems to work on the longest over-water bridge in the world. Confederation Bridge, connecting the province of Prince Edward Island to mainland Canada, is built using hydraulically operated mobile forms and the largest precast segments ever constructed.

1995 Indonesian Complex

In Jakarta, Aluma Systems completes its first Indonesian contract: the Taman Anggek Shopping Mall. The beamside hinge and the Aluma Systems Truss helps contractor You-One (Korea) accommodate a range of floor heights for 12 floors of shopping and parking plus 36 floor of condominiums.

1996 Engineered Solutions

General Contractor Walter Construction (Canada) Ltd. works with Aluma Systems' innovative engineering team and its versatile product line on the construction of Stoney Trail Bridge. The bridge spans the Bow River in Calgary and is one of the first of its kind in North America.

J6 Rocket Test Facility, Nashville

Confederation Bridge, Canada