



The Heavy News Weekly



MHCA Executive Committee Meeting Highlights

The MHCA Executive Committee chaired by Derek Walker, Chair of the MHCA met on May 27, 2015 at the Association offices. What follows highlights considered areas:

WORKSAFELY™ COR™ ADVISORY COMMITTEE

The Executive approved updated terms of reference for the Advisory Committee which will be chaired by Barry Arnason, Past Chair of the MHCA.

The WORKSAFELY™ COR™ Advisory Committee

is established by the Manitoba Heavy Construction Association (MHCA) Board of Directors to provide it advice and recommendations regarding the planning, operations and evaluation of the WORKSAFELY™ COR™ Program and related offerings on issues pertaining to safety and health in the heavy construction industry. Under this mandate the Committee will:

- a) Provide sector-specific input on the direction of the WORKSAFELY™ COR™ Program and related offerings;
- b) Ensure the WORKSAFELY™ COR™ Program meets or exceeds the Manitoba Workplace Safety and Health Act and Regulations, and is aligned with Safe Work Manitoba's standards and guidelines, and meets or exceeds the National COR™ standard;

- c) Promote public awareness of workplace safety and health and injury and illness prevention within the heavy construction industry; and,

- d) Ensure training meets or exceeds the WORKSAFELY™/COR™ requirements.

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MHCA Executive Committee Meeting Highlights (continued)

Chair and Membership

The Committee will consist of:

- Chair (MHCA Board Member;
- Director, WORKSAFELY™ Education and Training;
- Representation from Safe Work Manitoba; Manitoba Workplace Safety and Health; Manitoba Infrastructure and Transportation and municipal government;
- Up to 10 industry representatives who have demonstrated expertise in workplace occupational health and safety in the heavy construction industry, with broad provincial representation and size; and,
- Additional members of MHCA's staff will attend and provide support to the Committee and meetings as necessary.

CLICK BEFORE YOU DIG - LOCATES

A meeting was held on May 11, 2015 involving the operators of the Click Before you Dig Program, City of Winnipeg, MCGA, MTS and industry. The purpose of the meeting was to gather information from system users on the challenges they have faced so far, to discuss solutions to eliminate those challenges, and to share information with the users about how the system works internally. Topics covered included:

- attachments to locate requests are not transmitted to member or are unreadable
- contact information on ticket
- large area projects
- After Hours Emergencies

RM SPRINGFIELD AGGREGATE PRODUCERS COMMITTEE

On April 24, 2015 the MHCA extended a proposal to the Reeve and CAO of the RM of Springfield to establish a community based and inclusive Springfield Aggregate Production Committee to collaboratively consider and advance matters associated and/or related to Aggregate Production in the RM of Springfield.

The goal of the committee would be to meet quarterly to discuss any issues related to the following not all inclusive list:

- 1) Aggregate production(hours of operation, dust, water protection)
- 2) Truck traffic and maintenance of roads
- 3) Development agreements
- 4) Mining and rehab plans
- 5) Vandalism and security issues
- 6) Other

The RM of Springfield considered the matter and has by return provided a suggested mandate and make up of an Aggregate Industry Task Force.

The MHCA Aggregate Producers will meet on June 3, 2015, to review and consider. On the surface what the RM has proposed does not differ from the objective initially advanced to it.

MHCA Executive Committee Meeting Highlights (continued)

MIT/MHCA HIGHWAYS MEETING

MIT / MHCA Highways Committee met on May 11, 2015. Some of the topics covered included the following:

- Maintaining Communications
 - Escalation of issues
- Specification enforcement
 - Traffic coordinators
- Advertising Schedule changes
- Update on government process that affects industry
 - Aggregate permits
 - Temporary fuel tanks
- End product specification (EPS) for aggregate production

CCA ELECTION MESSAGES

MHCA President Chris Lorenc was asked to participate on a committee drafting some key CCA Election messages heading into the 2015 federal election. One topic area was Infrastructure & Prosperity. The CCA piece uses as its basis the message the MHCA has been presenting to the Civil Infrastructure Council and to constituencies across Manitoba. The second focuses on Education and Labour Force Development which ensures a heavy civil focus was included in the messaging.

WINNIPEG CHAMBER TRANSPORTATION LEADERS COUNCIL

MHCA president is a member of the above Council. At its May 12, 2015 meeting Councillor Lukes presented an overview of the BRT program and expressed support for linking infrastructure investment priorities to economic return. The Council also discussed what a Transportation Authority might look like. On this latter file, much work remains.

SAFE ROADS CAMPAIGN

The 11th Annual SAFE Roads Campaign was launched on May 14, 2015 in Winnipeg. Mayor Bowman, Ministers Braun and Ashton, Jamie Hall (WORKSAFE MB) and Bryan Luce (VP Hydro) were speakers. Later that same day Brandon Mayor Chrest, Dave Kraemer (WORKSAFE MB) and Cyril Patterson (MB Hydro) participated in the Brandon launch.

Both launches were well attended and covered in media with interviews on Winnipeg and rural radio.

BOLD RADIO

Don Leitch, President of Business Council of Manitoba, and Chuck Davidson, President of Manitoba Chambers of Commerce, were MHCA guests discussing growing Manitoba's economy at the MHCA-hosted BOLD Radio message, which aired on Saturday, May 9, 2015.

MANITOBA CHAMBER AGM ELECTION ISSUES - SPEAKERS REVIEW - 'TRADE TRANSPORTATION PROSPERITY' MESSAGE CHAMPIONED

Brandon - The Manitoba Chambers of Commerce hosted its Annual General Meetings at the Victoria Inn in Brandon on May 1-3, 2015 and one of its sessions featured three speakers offering their views on what either were or should be key issues in the pending federal and provincial elections.

Deveryn Ross a Brandon based political columnist suggested that the provincial budget tabled on April 30, 2015 was the most honest that the Selinger government had delivered to date. His position was that the budget hid nothing from

MHCA Executive Committee Meeting Highlights (continued)

view. The NDP he suggested were not hiding the fact that they would continue to spend and try to position the Tories as the party of hack and slash. He suggested that the Tories have established themselves as the party of fiscal responsibility. The NDP however would use the contrast of Tory fiscal responsibility (cut backs) against an NDP willingness to operate deficits to protect front line services, was a messaging battle line the NDP appeared to be already drawing in the sand.

Dr. Chris Adams currently College Rector, St. Paul's College at the U of M, suggested that the provincial election would be won or lost in Winnipeg. He offered that the NDP could afford to lose eight seats and still hold on to power, particularly since the Tories have yet to make any significant inroads in popular support in Winnipeg which hosts the vast majority of seats and the key to electoral victory. Further, he suggested that the Liberal Party in Manitoba was not yet making the case for popular support and with it not taking votes from the NDP, a victory for the Tories would be more elusive than many think.

MHCA President Chris Lorenc suggested that 'Growing the Economy is Manitoba and Canada's Job No. 1', that everything else takes a back seat, and that 'Trade Transportation Prosperity' offered an enabling strategy to achieve the growth objective for Manitoba and Canada. He offered that nothing else matters as no programs can be funded, no social wish list can be advanced and no deficit reducing strategy is possible, unless there is an economy feeding sustained revenues to governments, with which to balance budgets, fund social and quality of life programs and sustainably manage debt. He called for a new Trade Transportation Prosperity strategy to harness economic growth and well-being enabling capacity.

STREET SWEEPING PROGRAM

The summer and fall street sweeping program was struck from the Operating Budget as one measure of balancing the civic budget. It is frankly short sighted policy to eliminate the service as it will have other negative consequences. The hope is that the service will be reinstated for budget 2016.



UPCOMING EVENTS

Wednesday, June 3, 2015

Spring Mixer

Assiniboia Downs
Winnipeg, MB

Wednesday, August 12, 2015

Annual Golf Classic

Pine Ridge & Elmhurst Golf Courses
Winnipeg, MB

***Friday, November 20, 2015 (new date!)**

Awards Breakfast & AGM

RBC Convention Centre
Winnipeg, MB

***Saturday, November 21, 2015 (new date!)**

Chairman's Gala

RBC Convention Centre
Winnipeg, MB

February 7 - 10, 2016

WCR&HRC Annual Convention

The Fairmont Kea Lani, Maui Resort
Wailea, Maui



3D-Printer Concrete: Additive Manufacturing with New Concrete

Originally published by PresseBox, featured in Canadian Construction Association's Gold Seal Certification newsletter



3D printing concrete

(PresseBox) (Kassel, 20.05.2015) - Three-dimensional print technologies are worldwide under permanent development and are not only revolutionizing the production but also the products it selves. New and almost endlessly possibilities occur and lead to rethinking in nearly every line of business.

Now three-dimensional printing is also possible with concrete. The concern G.tecz Engineering, which is specialized on cement bonded high-tech-materials, developed a nano concrete for three-dimensional industrial printer, which waives completely polymer binder that was necessary until now. The dry mixture of the material will be regularly batched in printer, which already exist and handle powder, so it reaches excellent material properties. With this additive print method, 150-micrometer separate coats will be constructed to complex component parts. The size of the concrete elements is only limited by the available space of the printer.

G.tecz's purely cement bonded three-dimensional print concrete is a nano optimized dry-mix, that reaches a compressive strength of 5 N/mm² according to the pressure sewer system and is therefore harder than many conventional porous concrete, which are known from the building industry. G.tecz is permanent enhancing the concrete to raise the tightness and the strength continuously. The concrete is with approximately 2000 kg/m³ lighter than normal concrete but just as weatherproof and temperature-resistant as normal concrete. Also 1000 degrees aren't a challenge for the material.

The area of application of the material is multifaceted and ranges from product design and architecture to concrete formwork for aluminum casting respectively permanent mold casting. In cooperation with the industry partner Voxeljet AG there were printed casting prototypes for bicycle charging points and decorative elements from the division of architecture. Even printing of statues or decorative elements for refacing old buildings are possible.

Three-dimensional print concrete also offers great possibilities for the aluminum industry. Because of his extreme resistance to heat, can the material be used for printing of casings for aluminum casting respectively permanent mold casting. The material doesn't require any chemical binder, so almost perfect aluminum molds can be generated without any inclusion. The machine finishing of the aluminum can be reduced significant. Furthermore the casings can be used several times and reach substantial economic advantages compared to other methods.

The three-dimensional print concrete can be coordinated individual to printer and print methods. Furthermore also the strength of the material can be adjusted according to the customer's requirements. G.tecz Engineering offers worldwide customized solutions for three-dimensional print concrete and opens a new chapter for concrete for the industry.



Gtecz 3D printing for concrete cast aluminum

WORKSAFELY™ e-COR saves time AND money in the long term

WORKSAFELY e-COR™ is a product that will not only shape your workplace safety and health department but will also save your company time and money in the short and long term.

This digital program creates a paperless work environment - allowing your company to move away from a counterproductive paper trail of any missing, uncompleted or even unsorted documentation; manages your worksites and projects - allowing your company to monitor progress in the work and effectively manage your employees time and work schedules; and hosts a digital library of your company's documents, training materials and manuals - allowing your company to efficiently plan for yearly audits while keeping your employees up-to-date and working in compliance with current workplace safety and health regulations.

To fully understand the full return of investment that comes with implementing WORKSAFELY e-COR™ into your company's workplace safety and health department and/or documentation process, the Manitoba Heavy Construction Association (MHCA) and its WORKSAFELY e-COR™ partner, SiteDocs, have crafted a Safety Assessment Tool that allows you to input numbers associated with your company's time and money spent on workplace health and safety and compares it to the WORKSAFELY e-COR™ system.

Victoria Mostert, WORKSAFELY e-COR™ Program Advisor, says that this Safety Assessment Tool is a key resource to fully understanding and appreciating just how much time and money goes into your company's workplace safety and health program.

"The purpose of the assessment tool is to understand the time you spend on your current (paper) system. It provides a window into your company's workplace safety and health department and breaks down each area - where you spend significant amounts of time, money and resources - and compares how going digital will save you that dedicated time, money and resources in terms of cost," says Mostert. "This tool is designed to provide an estimate on the time and areas spent on every day - showing you where there's room for improvement, and ultimately money to save."

The Safety Assessment Tool can be found on the MHCA's official website, mhca.mb.ca, under WORKSAFELY e-COR™. Take the test today and learn how much time and money you spend on your company's workplace safety and health department.



Introducing the next big thing in Workplace Safety & Health

Introducing WORKSAFELY e-COR™: the digital tool for supporting workplace safety & health practices in your workplace.

With WORKSAFELY e-COR™, you can:

- Provide instant access to your safety manual, safe work procedures and MSDS/WHMIS
- Sign and submit documents including Hazard Assessments, Tool Box Talks, and Inspections
- Effectively manage employees and their work sites from the office, home, or on-location
- Easily input, monitor and store information in preparation for yearly COR™ audits
- **And that's just the beginning.**





Workplace Bullying and Harassment

Workplace bullying and harassment is a safety and health issue that can compromise the mental and physical health and safety of workers.

Harassment is defined as objectionable conduct that creates a risk to the health of a worker or severe conduct that adversely affects a worker's psychological or physical well-being.

Bullying and harassing behavior can include:

- verbal or written abuse or threats
- personal ridicule
- malicious or uncalled for interference with another's work
- spreading malicious rumours

Reasonable day-to-day actions by a manager or supervisor that help manage, guide or direct workers or the workplace is not harassment. Appropriate employee performance reviews or discipline by a supervisor or manager is not harassment.

Risk Assessment/Hazards

Bullying and harassment affects people differently. Reactions may include one or any combination of the following:

- impaired concentration or capacity to make decisions, which could lead to safety hazards (such as lack of attention when working with dangerous equipment)
- distress, anxiety, sleep loss or the potential for substance abuse
- physical illness
- reduced work performance

Bullying and harassment can also effect the overall workplace and may include the following:

- reduced efficiency and productivity, due to poor staff morale
- increased stress and tensions between workers
- high absenteeism rates
- higher turnover, resulting in higher recruitment costs
- higher levels of client dissatisfaction

Control Measures/Safeguards

Employer duties include the following:

- not engage in bullying and harassment
- develop a written policy and action plan to prevent harassment in the workplace
- develop and implement procedures for reporting incidents and complaints
- ensure all workers and supervisors know and follow the harassment prevention policy at all times

Worker duties include the following:

- act in a reasonable manner in the workplace
- report if harassment is observed or experienced
- comply and apply with the employer's policies and procedures on bullying and harassment



Thought Provoking Questions

Does your workplace currently have a harassment prevention policy?



**TO REGISTER,
PLEASE CONTACT:**
Sarah Higgins
sarah@mhca.mb.ca

Training Schedule

May

COR™ Leadership in Safety Excellence , **Winkler, MB**
 COR™ Principles of Health & Safety Management, **Winkler, MB**
 COR™ Auditor, **Winkler, MB**

COR™ Leadership in Safety Excellence, **Flin Flon, MB**
 COR™ Principles of Health & Safety Management, **Flin Flon, MB**
 COR™ Auditor, **Flin Flon, MB**

COR™ Leadership in Safety Excellence
 COR™ Principles of Health & Safety Management
 COR™ Auditor
 Flagperson 1/2 day AM
 Excavating & Trenching 1/2 day PM
 Traffic Control Coordinator

COR™ Leadership in Safety Excellence, **Brandon, MB**
 COR™ Principles of Health & Safety Management, **Brandon, MB**
 COR™ Auditor, **Brandon, MB**

June

Committee/Representative Training (1/2 day AM)
 Excavating & Trenching (1/2 day PM)

COR™ Leadership in Safety Excellence
 COR™ Principles of Health & Safety Management
 COR™ Auditor

May 4 - 5 Quality Inn
 May 6 Quality Inn
 May 7 - 8 Quality Inn

May 4 - 5 UCN
 May 6 UCN
 May 7 - 8 UCN

May 11 - 12 MHCA Office
 May 13 MHCA Office
 May 14 - 15 MHCA Office
 May 19 MHCA Office
 May 19 MHCA Office
 May 20 - 21 MHCA Office

May 25 - 26 St. John Ambulance
 May 27 St. John Ambulance
 May 28 - 29 St. John Ambulance

June 1 MHCA Office
 June 1 MHCA Office

June 8 - 9 MHCA Office
 June 10 MHCA Office
 June 11 - 12 MHCA Office





Wednesday, June 3, 2015 at the Assiniboia Downs
Reception: 5 p.m. | Dinner: 6 p.m. | Live Racing: 7 p.m.

TO ORDER TICKETS, FAX THE COMPLETED FORM TO THE MHCA OFFICE AT 204-943-2279.
TICKETS ARE \$85.00 +GST / PERSON | TABLES OF 8 OR 10 ARE AVAILABLE.

Company: _____

Number of Tickets: _____ Contact Person: _____

PAYMENT OPTIONS

Invoice: _____ Visa/MC/AMEX #: _____ Exp. _____

Signature: _____

For more information, please contact Christine Miller at christine@mhca.mb.ca or 902-947-1379.

As per MHCA Board Policy, only registrations cancelled five business days prior to the announcement of this event will be refunded.

Do Bubbles Always Burst?

By Peter G. Hall, Vice President and Chief Economist



Pore over the endless economic verbiage of the past decade, and you'd find it replete with the word 'bubble'.

In econ-speak, it's as delicate a structure as the actual thing, meant to characterize a situation where a particular market, or at worst, the entire macroeconomy,

is growing at an unsustainable rate that will ultimately see it burst. That outcome has been oft repeated, and is never pleasant.

I, and others like me, are known for saying that bubbles never deflate, but always burst. It's becoming more obvious that current conditions have given rise to various bubbles, raising concern that there may be more out there, and that their bursting may have serious consequences for growth. Will these bubbles, like others before them, blow up, or is there reason to revisit our bold past assertions?

One look at the economic and financial crisis of 2008-09 would suggest not. Those who made arguments for the sustainability of activities that hindsight reveals were clearly bubbles are still licking their gaping wounds. Rocket-propelled commodity prices, exotic derivatives, mortgage-backed securities, oversold housing markets and the like proved to be bubbles that nearly brought the world economic and financial system to its knees. You'd think that the fright we got would be insurance enough against bubbles appearing for a long time.

Unfortunately, it's not the case. Fear led to a re-work of regulations and safeguarding mechanisms, but not to an eradication of the offending instruments themselves. They are back, in the form of low coupon rates for risky sovereign and corporate bonds; large equity market bets; subprime ABS; and of all things, catastrophe bonds. How did it happen? It's likely related to the huge excess of liquidity that the market has been flooded with in recent years. With limited demand for these new mountains of cash, they have sought returns in less-traditional investment vehicles, many of them higher-risk, higher-yield instruments. Time alone will reveal the manifold locations where these excess funds have been parked, and we are sure to be surprised when the truth comes out.

Pundits are fretting that, as in the crisis, this paradigm cannot and will not end well. Suspicion and nervousness seem to be on the rise, and doomsayers are getting increasingly specific about the nature and the timing of the inevitable explosions. If they are right, extant structural

weaknesses will be aggravated, compromising nascent global recovery. Not a pretty picture.

But is it complete? Let's consider the physics of bubbles. They are created as a pocket of air gets trapped under a membrane of fluid. Heat up the air and it expands, stretching the membrane thin. Continue heating the air, and the membrane eventually gives way. But for this to work, the air surrounding the bubble needs to be colder than the air in the bubble. Heat up the air on the outside to the same temperature, and what happens? Well, the bubble deflates. Although it's hardly ever the case, technically bubbles can deflate.

How does this relate to the economy? Heat up isolated markets, and it's just like the bubble. It gets worse as the economic fundamentals surrounding the bubble go cold. But if those fundamentals are actually themselves heating up, then the localized bubbles are less of a concern – they diminish, and get absorbed into the broader macro picture.

To put it more clearly, if the global economy is indeed improving rapidly, then there won't necessarily be a cataclysmic evaporation of capital, but a redeployment of capital from these less-traditional havens to hard business assets. How can we be so sure? Years of under-investment now have businesses, particularly stateside, running very tight on spare capacity. Growth in demand is exerting increasing pressure on existing assets, creating in some cases very significant pent-up demand for business expansion. We could soon be witnessing a tsunami of new investment worldwide.

The bottom line? Don't be too quick to conclude that recent 'fringe' investment activity is a bubble that's about to pop. It might just prove to be a critical source of the liquidity that is desperately needed to finance the budding global recovery.

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ab99zb

NEW 2015 ETNYRE BLACKHAWK LOWBED

55 ton, hyd detach, 10' wide, 53' triaxle, air ride, 60" spread, c/w beavertail, flip on neck to suit tandem jeep, booster ready, RTAC & SPIF compliant, **\$117,500**



af41ah

NEW 2015 ETNYRE BLACKHAWK LIMITED LOWBED

50 ton, triaxle, 9' wide, air ride, 60" spread, tare weight starting at 17,400 lbs. **8 IN STOCK • ONLY 1 LEFT • 15 ON ORDER**



ag57di

USED 2004 MIDLAND TUB STYLE STEEL END DUMP

triaxle, 36', 8'6" wide, air ride, 60" spread, no tarp **\$29,000 OBO**



af40qy

NEW 2015 FELLING FT-50-3LP NON-TILT TAG

triaxle, 8'6" wide, c/w beavertail & spring assisted ramps, RTAC & SPIF compliant, **IN STOCK**



ac59dg

NEW 2015 FELLING FT-50-3 & FT-60-3 LP (DECK OVER) TILT TAG

triaxle, air tilt, beavertail, air assisted ramps, RTAC & SPIF compliant **3 IN STOCK**



ab52jp

NEW 2015 FELLING FT-80-3 OTR STEP DECK

triaxle, 53'x102", all steel, air ride, 60" spread, beavertail, spring assisted ramps, winch & track, RTAC & SPIF compliant, **3 IN STOCK 1 LEFT**



ag62ha

USED 1999 J & C LOWBED

triaxle, 8'6" wide, air ride, 60" spread **CALL**



ag24oa

USED 1999 TALBERT 50 TON LOWBED

triaxle, hyd detach, 8'6" wide, air ride, 60" spread **\$35,000 USD**



ag24oe

USED 1997 WESTERN STAR W/ 1989 ARNE'S END DUMP

Cat 3406, air ride, wet kit, c/w 1989 Arne's steel triaxle trombone end dump, air ride, can separate

\$25,000 OBO FOR TRUCK • \$25,000 OBO FOR TRAILER



ag46uj

2009 LOAD LIFTER QUAD AXLE CAMP EQUIPMENT STEPDECK

extendable deck to 60', spring ride, 215/75R17.5LP tires, duals on all four axles **\$36,500 OBO**



MHCATM
MANITOBA HEAVY CONSTRUCTION ASSOCIATION

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