

The Digital Pipe Digest

Canadian Concrete Pipe Association



Association Canadienne des Fabricants de Tuyaux de Béton

Editor: A. Grant Lee, MCIP, RPP, FCInst.M

September 2001

Get ready for Vegas!

The Ontario Concrete Pipe Association has selected Las Vegas, Nevada as its venue for the 2002 Annual General Meeting.



The hotel will be either the Paris, or Caesar's. The meeting is scheduled from February 18 to 23.

The Canadian Concrete Pipe Association will hold its meeting at the same time and at the same venue as the OCPA. Details are yet to come, but mark February 18 to 23 on your calendar now, and plan to attend.

Large Sewer Guidelines published

The Institute for Research in Construction at the National Research Council of Canada has announced that the **Guidelines for Condition Assessment and Rehabilitation**

of Large Sewers is now published by the NRC/IRC. The price of the document is \$20 before November 1, 2001 and \$25 thereafter. Call Paulette or Ginette at 800.672.7990 to order (order number NRCC 45130)

The following is an abstract of the publication.

Condition assessment and rehabilitation of large sewers

McDonald, S.E.; Zhao, J.Q.
NRCC-44696

*A version of this document is published in /
Une version de ce document se trouve dans :
International Conference on Underground
Infrastructure Research, University of
Waterloo, Waterloo, Ontario, June 10-13,
2001, pp. 1-9*

Abstract [\[Full document in PDF\]](#)

The Urban Infrastructure Rehabilitation Program of the National Research Council Canada (NRC) in conjunction with 10 municipalities and two consulting companies has completed guidelines focusing on the impact and condition assessments, and rehabilitation of large diameter sewers (>900 mm) as well as access holes. The guidelines provide a consistent approach for assessing the impact of pipe failure, coding defects and assigning priorities for rehabilitation. The user-friendly approach is demonstrated with an example. By using unified definitions of terminology and a consistent defect coding system, information can be shared between utilities across the country. Pooling scarce sewer condition data from various municipalities across Canada will enable the development and verification of statistical models for assessing sewer deterioration and predicting its remaining service life.

CSA Canadian Highway Bridge Design Code back on the road

A Canada-wide program was launched in April to present a course that covers the significant features of all 15 chapters of the new code. For the first time, precast concrete pipe and boxes are included.

The course has been presented, and now there are follow up presentations. There is one planned for St. John's NFLD on September 21 and one in Calgary on October 12

Copies of the new code may be purchased through C.S.A. at 800-463-6727. The on-line store is at www.csa-international.org The CSCE is sponsoring the program. Contact the CSCE office at 514-933-2634 for details, or e-mail: mahmoud@csce.ca

Section 7.8 references the requirements for reinforced concrete buried structures.

Concrete Pipe Industry Billboard

2001



American Public Works Association
Philadelphia, Pennsylvania
September 9 to 12

WEFTEC 2001

Atlanta, Georgia
October 13 to October 17

ACPA Fall 2001 Short Course School

Las Vegas, Nevada
October 31 to November 2

2002

World of Concrete 2002

New Orleans, Louisiana
January 9 to 12

Production Short Course School/MCX 2001

Indianapolis, Indiana
February 1 to 3

CCPA/OCPA Annual General Meetings

Las Vegas, Nevada
February 18 to 23

94th ACPA Annual Convention

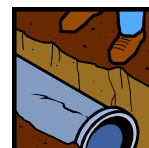
Tucson, Arizona
March 19 to 24

CON/EXPO – CON/AGG 2002

Las Vegas, Nevada
March 19 to 23

Get dependable hydraulics and system design with DASH

The ACPA released its new interactive software for the hydraulic design of concrete pipe detention systems, storm drainage and sanitary sewers in early summer. Called DASH (Detention and Sewer Hydraulics), the PC-based software was developed in conjunction with the Illinois Concrete Pipe Association, Earth Tech, and Giffels Associates Limited.



DASH software provides design engineers and other users with a complete set of design tools to prepare, calculate and evaluate comprehensive storm water detention systems using concrete pipe. In a Microsoft Windows format, the software program consists of four modules: Storm Water Detention Volume Calculation, Storm Water Detention System Design, Storm Sewer Design Calculation, and Sanitary Sewer Design Calculation.

In addition to the powerful design modules included with DASH, the program includes the popular PipePac 2000 software. The DASH software allows designers to select the pipe size and type to use for detention, drainage and sanitary systems, and perform a cost analysis of the system.

To order the DASH software, contact the ACPA Resource Centre at (800) 290-2272, fax (972) 291-0622 and request Resource Item #15-500. The cost is \$10.00 (ACPA member) and \$45.00 (non-member), plus shipping and handling charges. All orders must be repaid. Visa, MasterCard and American Express are accepted. For further information, contact the American Concrete Pipe Association, (972) 506-7216, or e-mail: info@concrete-pipe.org.

2001 Canadian Consulting Engineering Awards to be announced soon

Canadian Consulting Engineer Magazine provides official coverage of the annual Consulting Engineering Awards in its October Issue. This issue of the magazine is the most popular issue of the year. Copies are saved for years and archived in libraries as they reference award-winning engineering accomplishments.

This may be an opportunity for your company to advertise its products and services in a well read publication. Contact Trish at CCE Magazine for information. 416.442.2206

CCPA Media Campaign update

A CCPA media campaign was launched in 2000 to complement the media programs of the ACPA, OCPA and Tubécon. Following are publications of articles in industry media during 2001, through the CCPA.

Article by M. Smith of Inland Pipe and M. Schmidler of Lafarge Canada, on Standard Installations was published in the 2001 Directory of Environmental Science & Engineering.

Look for the September issue Environmental Science & Engineering where Béton Brunet Ltée. has supplied the cover photograph. The photograph was taken on the construction site of the "Matte Intermunicipal Sanitary Phase II" collector that includes construction of a major trunk storm sewer in the cities of Brossard and St-Hubert near Montréal. The story is featured in the Fall Issue of Concrete Pipe News scheduled for mailing on September 28.

If you have a product application story with a feature of general interest to the concrete pipe industry, contact Grant Lee at glee@aglmarketing.com



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