

Item 4b.
Voucher Approval

The Forum

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THE FORUM
PO BOX 2020
FARGO, ND 58107-2020

To:

CITY OF FARGO-ENGINEERING DEPT
C/O Michelle Vamyo
PO BOX 2083
FARGO, ND 58107

(701) 241-1321

INVOICE

ACCOUNT NUMBER	INVOICE DATE
10260	11/24/2011

← PLEASE MAKE PAYABLE TO

INVOICE NUMBER	AMOUNT DUE
DI01259538	2,224.20

AMOUNT PAID →

ACCOUNT INQUIRIES CALL:



REMITTANCE PORTION: PLEASE CUT AND RETURN THIS PORTION WITH YOUR PAYMENT

THE FORUM
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FARGO, ND 58107-2020

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Customer: CITY OF FARGO-ENGINEERING DEPT

Account Number	Tearsheets	Terms	Invoice Date	Customer P.O. Number	Invoice Number
10260	1	DUE UPON RECEIPT	11/24/2011		DI01259538

Publication Date: November 24, 2011

Ad Number: 2340823

Publication: The Forum

Product: Retail Display

Caption: Diversion

Ad Size: 6.0 Col. x 10.00 = 60 inches

Ad Rate 2,224.20



TOTAL:	2,224.20
HST / GST:	0.00
PST:	0.00
PRE-PAYMENTS:	0.00
ADJUSTMENTS:	0.00
PAYMENTS:	0.00
AMOUNT DUE:	2,224.20

OK
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A/C 790-7910-429-31-10
"Diversion Advertising"

A Letter from the Diversion Authority Public Outreach Committee

Dear Fargo Forum Reader,

Flooding in the Red River Valley has become increasingly severe and frequent. It threatens our viability and quality of life for the entire region. In fact, during times of severe flooding, the potential damages alone to the

During times of severe flooding, the potential damages alone to the Fargo-Moorhead area are estimated at more than \$194 million a year without a flood diversion that includes upstream staging and storage.

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A three-year study led by the Corps of Engineers, and also involving many local engineering firms, looked at many options; including levees, floodwalls, retention, etc.; and found the current diversion plan is the only concept that would significantly re-

duce flood risk in the Fargo-Moorhead area from flood events larger than the flood of 2009.

The flood diversion, with upstream staging and storage, will protect our communities, economy and quality of life.

Retention is a well-studied concept that is a critical component of the diversion project. The current feasibility study for the FM area diversion project includes 200,000 acre-feet of storage immediately upstream to avoid downstream impacts.

In 2010, distributed storage was studied by the engineering team as part of the feasibility study. The study found that using distributed upstream storage would require between 400,000 and 600,000 acre feet of storage to eliminate the downstream impacts caused by the diversion. An earlier study by the Corps of Engineers concluded 400,000 acre feet of storage would be needed to reduce the effects of a 100 year flood in the Fargo-Moorhead area by 1.6 feet.

For a 500 year flood, the small storage sites used in distributed upstream storage provide limited river stage reduction. A 500 year flood at Fargo is modeled at approximately 61,700 cubic feet per second (cfs). At this rate of flow, 600,000 acre-feet of storage would fill in a matter of days.

Richland County, for example, encompasses approximately 920,000 total acres of land. 600,000 acre-feet of storage would require an area the size of Richland County with eight inches of water.

Storage is most effective when placed upstream and close to the area to be protected. The current diversion project document in the Feasibility Study provides gated upstream storage placed at the most effective location for staging and storage purposes.

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While there are uncertainties, the Feasibility Study has been developed over three years and the goal is to create adequate flood protection as soon as possible. The project has momentum and broad support from federal authorities as evidenced by the recent Civil Works review board. Design of portions of the project is starting now to help advance the project and bring flood protection. Design work is starting with the northern part of the project where plans are more developed.

Refinements to the feasibility study plan will be made throughout the four to six year design process to improve operations and provide the best protection. Currently, the benefits of possibly increasing flows through Fargo-Moorhead are being considered to mitigate impacts. Also, teams are now working to optimize the northern alignment. This task will include regional and small group meetings with affected property owners. The schedule of these meetings will be announced very soon.

It is the priority of the Diversion Authority to get the project done, and provide flood risk reduction benefits at the earliest possible time. The Authority is also committed to providing important information to the public throughout the process through regular updates. In addition, a website will launch soon (FMDiversion.com) which will help provide information as it becomes available. Also, the project's Feasibility Study is available at www.internationalwaterinstitute.org/feasibility/

We are thankful for a dry fall, a vibrant economy in the Fargo-Moorhead area, and our collective passion for flood protection. We look forward to the benefits this project will provide.

**DIVERSION AUTHORITY
Public Outreach Committee**