



ST. CHARLES  
SINCE 1834

AGENDA ITEM EXECUTIVE SUMMARY

Title:	Recommendation to Award Contract for Fox Glen Creek Spillway
Presenter:	James Bernahl

Please check appropriate box:

Government Operations	X	Government Services 02.27.12
Planning & Development		City Council
Public Hearing		

Estimated Cost:	\$47,675.00	Budgeted:	YES	X	NO
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If NO, please explain how item will be funded:

**Executive Summary:**

Project Overview

Due to severe erosion within the northern region of the Norton Creek, specifically the existing concrete spillway near Fox Glen Drive, it has been determined that an emergency rehabilitation repair is required. Because this work is considered a specialized repair staff met with and requested proposals from three concrete foundation firms, Eagle Concrete, Inc., Elliot Construction Corporation, and Driessen Construction. Of the three proposal requested only Eagle and Elliot submitted proposal prices with the lowest proposal being Eagle Concrete, Inc. A permit from the USACE will be required for the proposed work which staff has already obtained. If not addressed the culvert crossing at Fox Glen Drive could become unstable and result in the beginning of structural failures for the existing bridge crossing. For this reason staff feels that performing this repair in a timely manner is important.

Site History

In 2003 the St. Charles Country Club developed nine golf course holes directly south of Fox Glen Creek. A detention facility was constructed to accommodate the golf course development. A limited portion of the Norton Creek channel section was stabilized as the creek flowed on to Country Club property. Sediment deposits resulting from erosion have been observed within the Country Club storm water basin and the Country Club has been made aware of these observations. The City owns a portion of Fox Glen Creek and a portion of a failing embankment. Adjacent owners to the Norton Creek include the St. Charles Country Club to the south and St. Charles residents to the North.

Future Work

Based on the recent observations erosion has continued to occur along the creek with a particularly dramatic failure near the St. Charles Country Club pedestrian bridge. Future rehabilitation work is currently being developed by staff and the City's Engineering Consultant, Wills, Burke, Kelsey and Associates, for the proposed restoration of this portion of Norton Creek. It was noted that just five years ago some erosion existed but it appears the creek bed has now eroded further and dropped approximately ten feet. The Fox Glen creek is not mapped floodplain but is considered jurisdictional Waters of the US based on our experience with the St. Charles Country Club. Staff will be presenting a proposed stream bank stabilization project at a future council meeting.

**Attachments:** *(please list)*

- Copy of City Exhibit for Spillway Restoration
- Copy of Proposal from Eagle Concrete, Inc.

**Recommendation / Suggested Action** *(briefly explain):*

Recommend Awarding Contract for the Fox Glen Spillway Rehabilitation to Eagle Concrete, Inc. for an amount not to exceed \$47,675.

For office use only:

Agenda Item Number: 6.c

**City of St. Charles, Illinois**  
**Resolution No. \_\_\_\_\_**

**A Resolution Approving the Execution of a Contract with Eagle Concrete,  
Inc. for Fox Glen Creek Spillway Restoration**

**Presented & Passed by the  
City Council on \_\_\_\_\_, 2012**

BE IT RESOLVED by the Mayor and City Council of the City of St. Charles, Kane and DuPage Counties, Illinois, that the Mayor and City Clerk be and the same are hereby authorized to execute a Contract with Eagle Concrete, Inc. for Fox Glen Creek Spillway Restoration within the City of St. Charles at a cost not to exceed \$47,675.

PRESENTED to the City Council of the City of St. Charles, Illinois, this \_\_\_\_\_ day  
of \_\_\_\_\_, 2012

PASSED by the City Council of the City of St. Charles, Illinois, this \_\_\_\_\_ day  
of \_\_\_\_\_, 2012

APPROVED by the Mayor of the City of St. Charles, Illinois, this \_\_\_\_\_ day  
of \_\_\_\_\_, 2012

\_\_\_\_\_  
Donald P. DeWitte, Mayor

ATTEST:

\_\_\_\_\_  
City Clerk

COUNCIL VOTE:

Ayes:

Nays:

Absent:

Abstain:



1"=20'

8-12-2011

FOX GLEN DRIVE

A

10'-0"

B

B

10'-0" TYP.

10'-0" TYP.

PROP. COI (TYP.)

EX. (TY

PROP. COI ENTRANCE

10'-0" TYP.

2' THICK "TOE" WALL

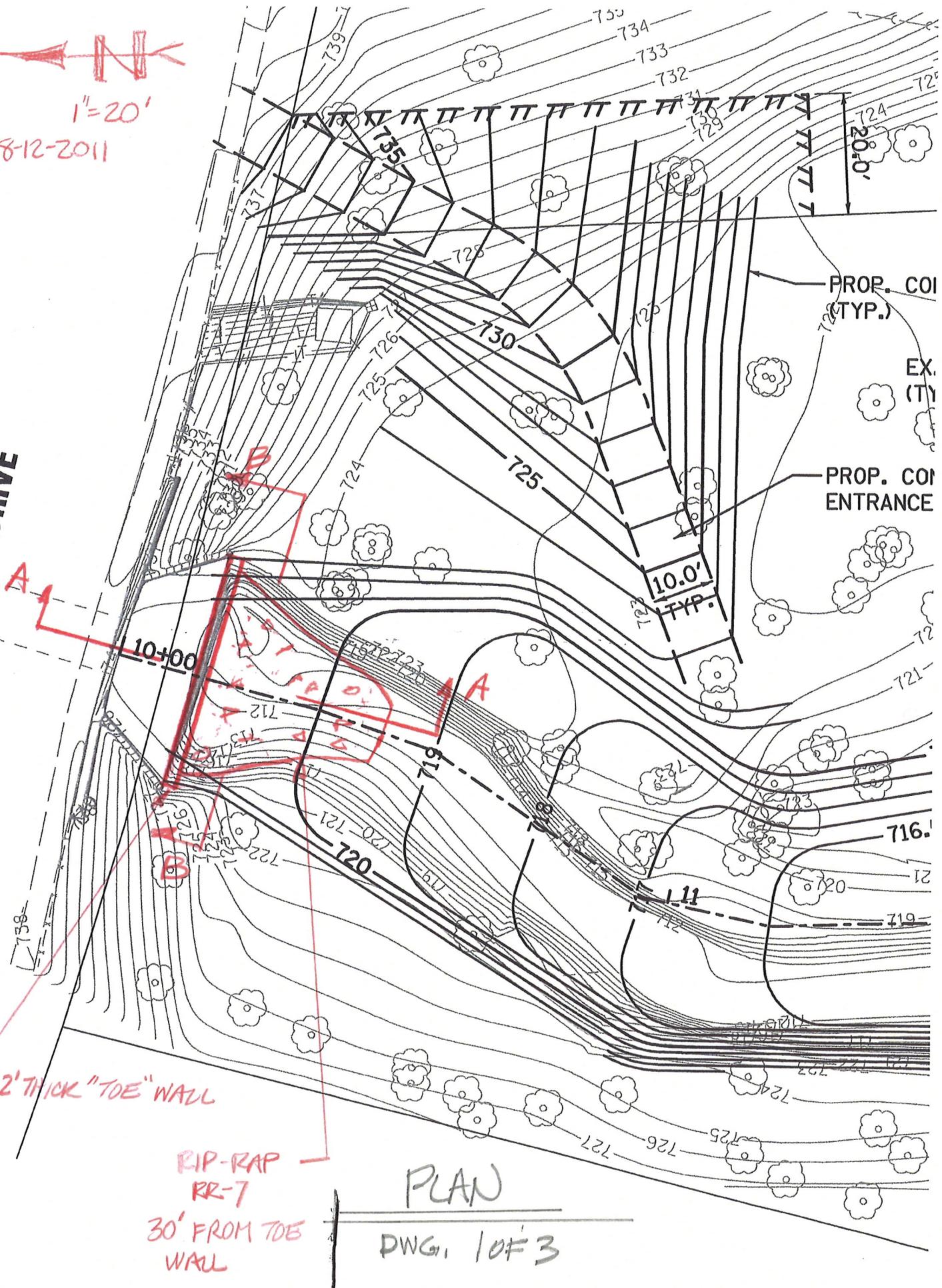
RIP-RAP RR-7

30' FROM TOE WALL

PLAN

DWG. 1 OF 3

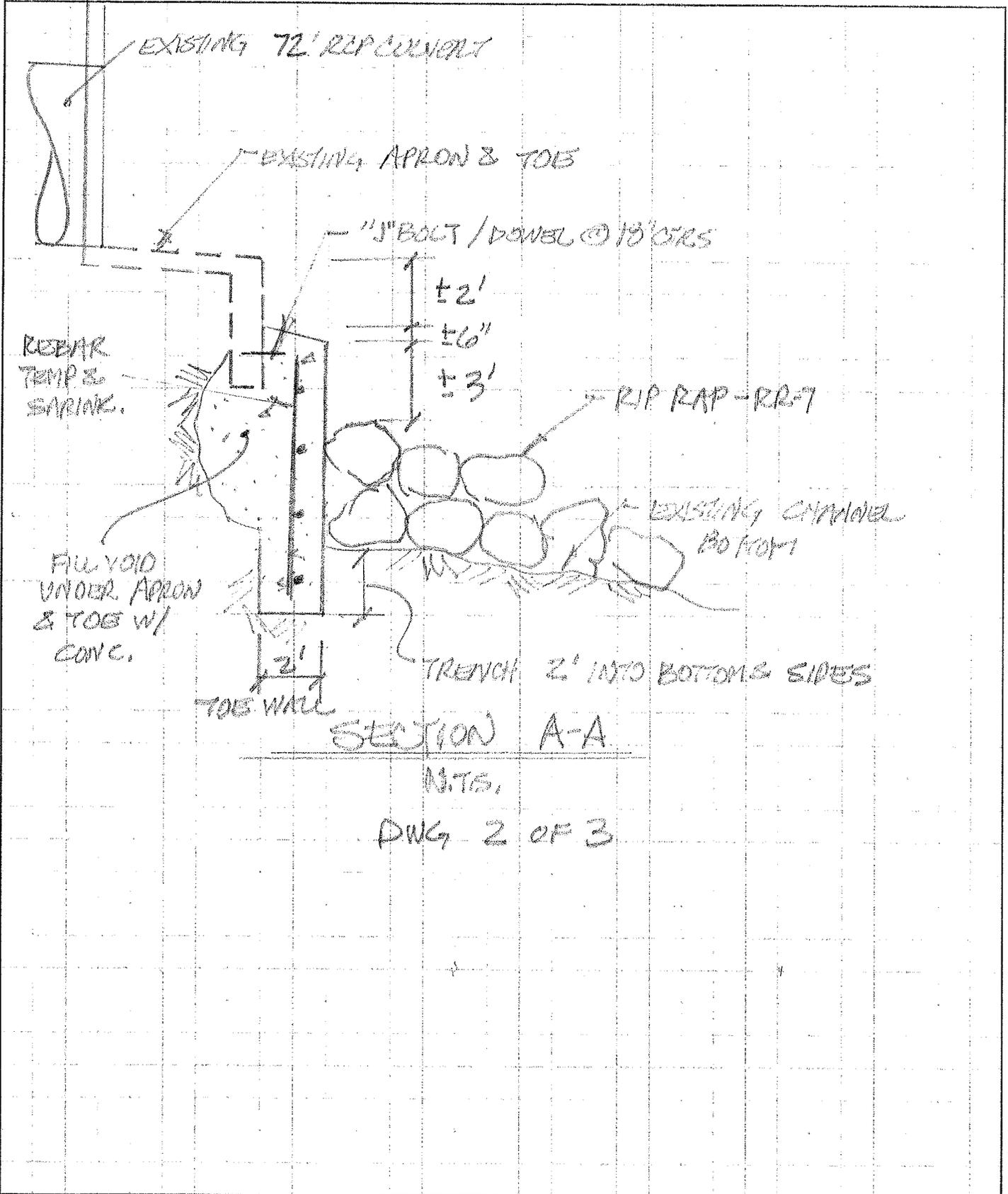
0914302008





Wills Burke Kelsey Associates, Ltd.  
116 West Main Street, Suite 201  
St. Charles, Illinois 60174  
TEL: (630) 443-7755 FAX: (630) 443-0533  
www.wbkengineering.com

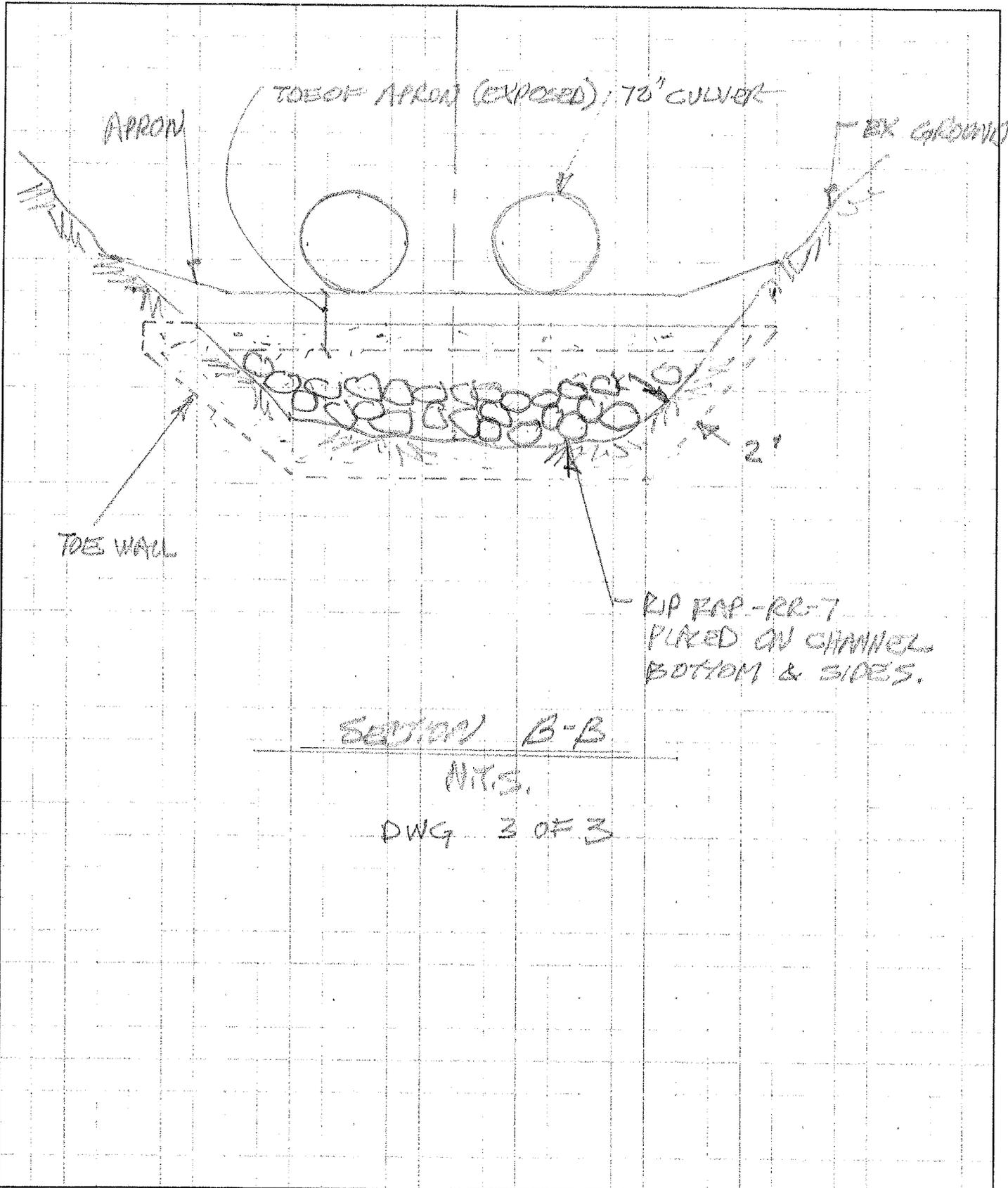
JOB \_\_\_\_\_  
SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_  
CALCULATED BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
SCALE \_\_\_\_\_





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SCALE \_\_\_\_\_



1305 South River Street  
Batavia, IL 60510-9648

**EAGLE CONCRETE, INC.**  
Est. 1971  
35 Years of Excellence

Phone: 630 879-2660  
Fax: 630 879-2025  
Estimate: # Quote.xls

Date: September 12, 2011

Quotation To: Peter Suhr  
City of St. Charles  
2 East Main St.  
St. Charles, IL 60174  
Ph: 630-377-4916  
Fax: 630-513-7442

Re: Fox Glen Drive Bridge Work

**Manhole Repair for Rear Loading Dock**

Divert water during dry time to install new concrete wall as shown  
Excavate as required for new concrete wall leaving all spoils on-site  
Access to work through wet land area as directed by St. Charles  
Pour footings for new underpinned wall with rebar as required  
Pour new retaining wall as discribed and required with rebar as shown  
Re-grade and prep for rip rap  
Install RR-7 Rip wrap 30' down stream as required to approx 3' depth throughout  
Touch up access area to site  
All work for bridge included considering difficult access

**Total for Wier and Creek Bed Fix: \$ 47,675.00**

**Bid Excludes**

Access other then discribed  
restoration of access areas- St. Charles to do themselves  
Tree Removal  
Anything not listed above

Eagle Concrete, Inc.

City of St. Charles

  
Title: Project Estimator  
Name: Craig Martin

Title:  
*The Above prices, Specifications and Conditions are Satisfactory and are here by Accepted. You are authorized to do the work as specified. Payment will be made as outlined*