Agenda – Council - September 24, 2008

Report - Standing Policy Committee on Infrastructure Renewal and Public Works - September 9, 2008

Item No. 1 Dugald Drain Pipe-arch Culvert Supply
(St. Boniface Ward)
E-File SD

STANDING COMMITTEE RECOMMENDATION:

On September 17, 2008, the Executive Policy Committee concurred in the recommendation of the Standing Policy Committee on Infrastructure Renewal and Public Works and submits the following to Council:

1. That the Dugald Drain Pipe-Arch Culvert Supply be approved as a new Capital Project.

2. That funds in the total amount of $160,000.00 from the Non-Specified Capital Account – Land Drainage (Account No. 003 181000 200652 20700000NS) be utilized for this project.

3. That the Proper Officers of the City be authorized to do all things necessary to implement the intent of the foregoing.

Report - Standing Policy Committee on Infrastructure Renewal and Public Works - September 9, 2008

DECISION MAKING HISTORY:

EXECUTIVE POLICY COMMITTEE RECOMMENDATION:

On September 17, 2008, the Executive Policy Committee concurred in the recommendation of the Standing Policy Committee on Infrastructural Renewal and Public Works and submitted the matter to Council.

STANDING COMMITTEE RECOMMENDATION:

On September 9, 2008, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the Winnipeg Public Service and submitted the matter to the Executive Policy Committee and Council.

RE: DUGALD DRAIN PIPE-ARCH CULVERT SUPPLY

FOR SUBMISSION TO: THE STANDING POLICY COMMITTEE ON INFRASTRUCTURE RENEWAL AND PUBLIC WORKS

ORIGINAL REPORT SIGNED BY: Barry D. MacBride, P. Eng.
Director, Water and Waste Department

REPORT DATE: August 29, 2008

RECOMMENDATION(S):

1) That the Dugald Drain Pipe-Arch Culvert Supply be approved as a new Capital Project.

2) That funds in the total amount of $160,000.00 from the Non-Specified Capital Account – Land Drainage (Account No. 003 181000 200652 20700000NS) be utilized for this project.

REPORT SUMMARY

KEY ISSUES: New Capital Projects must be approved by Council.

IMPLICATIONS OF THE RECOMMENDATION(S):

General Implications

	None
	For the organization overall and/or for other departments
x	For the community and/or organizations external to the City of Winnipeg
	Involves a multi-year contract

Comment(s): The repeated sloughing of the shoulder of Dugald Road between Holden Street and Panet Road has necessitated shoulder repairs to the roadway along with reduction in the channel capacity of the Dugald Drain in this section. Installation of the pipe-arch culvert will help preserve the roadway asset, ensure channel capacity of the Dugald Drain and improve safety for Dugald Road traffic. Funding of this project is for purchase of the culvert, installation will be done by the Public Works Department.

Policy Implications

x	No
	Yes

Comment(s):

Regulatory Implications

x	None
	Eliminates or reduces regulatory impact
	Proposes regulatory impact

Comment(s):

Environmental Implications

x	None
	Yes

Comment(s):

Human Resources Implications

x	No
	Yes

Comment(s):

Financial Implications

	Within approved current and/or capital budget
x	Current and/or capital budget adjustment required

Comment(s): Funding for this project is available from the Non-Specified Capital Account - Land Drainage.

REPORT

REASON FOR THE REPORT:

New Capital Projects must be approved by Council.

HISTORY:

Funds in the amount of $160,000.00 are included in the Non-Specified Capital Account-Land Drainage, Account No. 003 181000 200652 20700000NS.

DISCUSSION:

During the summer of 2005, significant rainfall necessitated vegetation removal from the open channel portions of the Dugald Drain to prevent overland flooding. Subsequently, there was significant sloughing of the south shoulder of Dugald Road between Holden Street and Panet Road that required shoulder repairs, which were completed during the fall of 2005. The repairs were required to preserve the roadway asset and ensure flow capacity in the Dugald Drain, which carries land drainage flow from the St. Boniface

Industrial Park stormwater retention basins and runoff from lands adjacent to Dugald Road from Lagimodiere to near the Perimeter, including the hamlet of South Transcona.

The road has continued to slough into the open channel portion of the Dugald Drain reducing flow capacity, putting the operation of the roadway at risk and giving rise to safety concerns for Dugald Road traffic.

Personnel from the Public Works Department and the Water and Waste Department, have met to jointly resolve the shoulder sloughs on Dugald Road and the resultant impacts on the capacity of the Dugald Drain. The Water and Waste Department will fund the culvert purchase and the installation of the culvert will be done by Public Works forces.

Without the proposed piping installation, the roadway will continue to slough into the drain, resulting in additional costs for maintenance, service level issues and further public safety concerns.

The financial status of Non-Specified Capital Account – Land Drainage is as follows:

Authorized Capital		$355,820.77
Amount of Previous Awards or expenditures	$186,860.00	
Estimated Costs of this Project	$160,000.00	
Total Estimated Commitments	$346,860.00	$346,860.00
Funds Remaining		$8,960.77

FINANCIAL IMPACT:

The following financial impact statement for this project has been prepared in accordance with the recommendation adopted by Council on December 13, 2000.

Financial Impact Statement

Date: August 29, 2008

Project Name: **First Year of Program** **2008**

DUGALD DRAIN PIPE-ARCH CULVERT SUPPLY

	2008	2009	2010	2011	2012
Capital					
Capital Expenditures Required	$ 160,000	$ -	$ -	$ -	$ -
Less: Existing Budgeted Costs	160,000	-	-	-	-
Additional Capital Budget Required	$ -	$ -	$ -	$ -	$ -
Funding Sources:					
Debt - Internal	$ -	$ -	$ -	$ -	$ -
Debt - External	-	-	-	-	-
Grants (Enter Description Here)	-	-	-	-	-
Reserves, Equity, Surplus	-	-	-	-	-
Other - Enter Description Here	-	-	-	-	-
Total Funding	$ -	$ -	$ -	$ -	$ -
Total Additional Capital Budget Required	$ -				
Total Additional Debt Required	$ -				
Current Expenditures/Revenues					
Direct Costs	$ 4,660	$ 16,000	$ 16,000	$ 16,000	$ 16,000
Less: Incremental Revenue/Recovery	-	-	-	-	-
Net Cost/(Benefit)	$ 4,660	$ 16,000	$ 16,000	$ 16,000	$ 16,000
Less: Existing Budget Amounts	4,660	16,000	16,000	16,000	16,000
Net Budget Adjustment Required	$ -	$ -	$ -	$ -	$ -

Additional Comments: Funds for this project are included in the approved Capital Budget and are financed by Equity in Capital Assets Fund.

"Original signed by S. Roberts, C. A. for"
Moira L. Geer C.A.
Manager of Finance & Administration

IN PREPARING THIS REPORT THERE WAS:

Internal Consultation With and Concurrence By:
Public Works Department

External Consultation With: n/a

THIS REPORT SUBMITTED BY:

Water and Waste Department
Engineering Division
Prepared by: CT
File No. 020-10-00-00-00

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