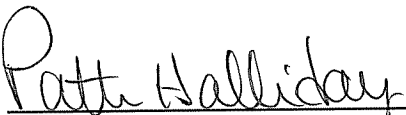



Halifax Regional Council
December 9, 2003

TO: Mayor Kelly and Members of Halifax Regional Council

SUBMITTED BY: 
 Councillor Stephen D. Adams, Chair
Private Roads Committee

DATE: December 3, 2003

SUBJECT: Rockwood Hills Drive Bridge

ORIGIN

Private Roads Committee meetings of October 21, 2003 and December 2, 2003.

RECOMMENDATION

It is **recommended** that Council direct staff to proceed with the stabilization of the Rockwood Hills Drive Bridge to allow for the normal level of fire service, subject to the following conditions:

- 1) the formation of a legal entity by the property owners to be responsible for the bridge, including future maintenance and upgrades.
- 2) the acquisition of all applicable permits.
- 3) a successful petition representing a minimum of 66 2/3% of the identified property owners located beyond the bridge, with the understanding that 50% of the total cost of the bridge work will be assigned to the property owners that are situated on the west side of Hillside Drive (Lots 1 through 5 - Refer to Attached Plan) and the remaining 50% being assigned to the property owner located on the east side of Hillside Drive (Lot 6). It is estimated that the total cost of the bridge work will be \$50,000, and that this cost will be 100% recovered from the property owners by way of a Local Improvement Charges, amortization not to exceed ten years.
- 4) a Bylaw providing for the recovery of Local Improvement Charges must be developed and approved by Regional Council prior to permitting the project to proceed.
- 4) HRM assumes no responsibility or liability.
- 5) review by Legal Services.

BACKGROUND

At the October 21, 2003 Private Roads Committee meeting, the Chair requested staff to prepare a report on the structural integrity of the bridge on Rockwood Hills Drive, Timberlea, NS. This report was conducted and completed by a private engineering consultant, and was presented to the Committee as an Information Report at its meeting on December 2, 2003.

DISCUSSION

The Private Roads Committee discussed the Information Report at its December 2, 2003 meeting and agreed to forward a recommendation to Council requesting that staff be directed to proceed with this project under specific conditions set out in the recommendation.

ATTACHMENTS

- 1) Information Report to the Private Roads Committee dated November 27, 2003.
- 2) Plan showing configuration of lot numbers.

Additional copies of this report, and information on its status, can be obtained by contacting the office of the Municipal Clerk at 490-4210, or Fax 490-4208.

Report Prepared by: Patti Halliday, Legislative Assistant

Report Approved by: Councillor Stephen D. Adams, Chair, Private Roads Committee

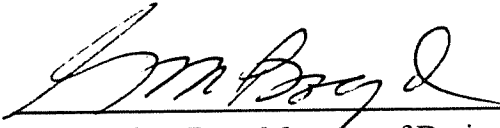


PO Box 1749
Halifax, Nova Scotia
B3J 3A5 Canada

**Private Roads Committee
December 2, 2003**

TO: Chair and Members of Private Roads Committee

SUBMITTED BY:


Gerry Boyd, P.Eng., Manager of Design and Construction Services

DATE: November 27, 2003

SUBJECT: Condition of Rockwood Hills Drive Bridge

INFORMATION REPORT

ORIGIN

Private Roads Committee meeting of October 21, 2003

BACKGROUND

At the October 21, 2003 Private Roads Committee meeting, the Chair requested staff to prepare a report on the structural integrity of the bridge on Rockwood Hills Drive, Timberlea, N.S. (Refer to attached plan for location). This report is in response to that request.

DISCUSSION

The bridge is actually a corrugated steel culvert with a span of 13 feet and a rise of 9 feet. It appears the bridge provides access to nine properties, and is on a portion of the water course that drains into the Nine Mile River.

As requested by Councillor Reg Rankin, an assessment of the existing bridge was conducted by Mr. B. Waugh, P.Eng., in September 2003. During the assessment, Mr Waugh, P.Eng. observed corrosion on the bottom and lower portion of the sidewalls of the culvert. Based on his observations, he recommended that the existing culvert structure be maintained, but the ends of the culvert and the corroded sections inside be stabilized with rock. He also recommended that a new timber structure be constructed over the culvert structure to accommodate future vehicle loads and lessen the impact on the existing culvert. The cost estimate provided by Mr. Waugh to undertake this work is \$40,000.

It is noted that Mr. Waugh did not conduct a hydrology analysis of the flows along this water course. He did, however, recognize that if this bridge were to be designed to the Nova Scotia Department of Environment and Labour requirements, the cross sectional area required to allow the 100 year flow to pass through the opening in the bridge would have to be increased. To provide for the 100 year flow could be significantly more expensive, and would result in higher peak flows and possible flooding downstream.

BUDGET IMPLICATIONS

There are no budget implications at this point in time.

FINANCIAL MANAGEMENT POLICIES / BUSINESS PLAN

This report complies with the Municipality's Multi-Year Financial Strategy, the approved Operating, Capital and Reserve budgets, policies and procedures regarding withdrawals from the utilization of Capital and Operating reserves, as well as any relevant legislation.

ALTERNATIVES

There are no alternatives at this point in time.

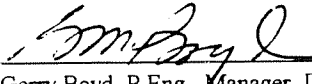
ATTACHMENTS

Plan showing Rockwood Hills Drive Area

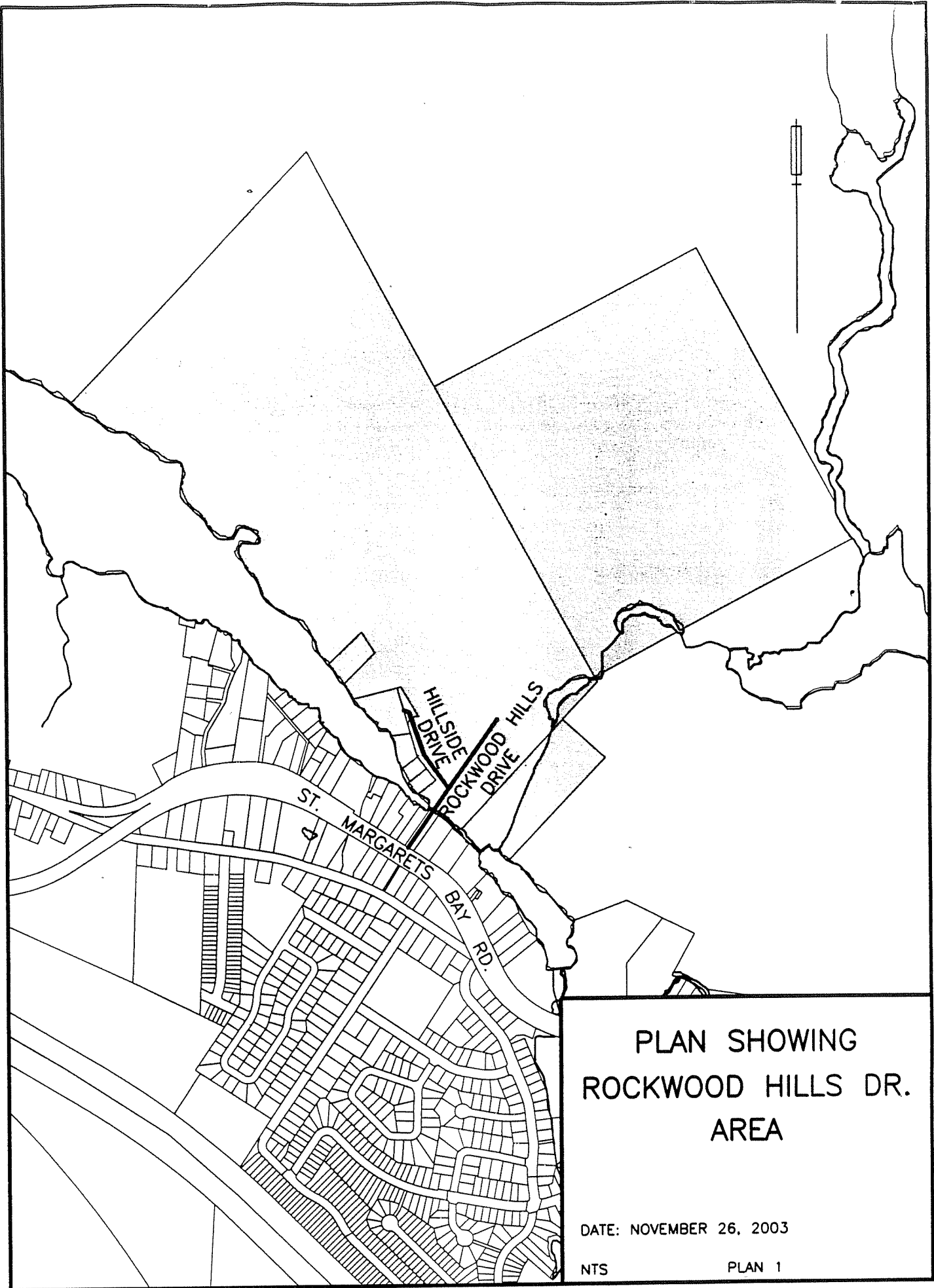
Additional copies of this report, and information on its status, can be obtained by contacting the Office of the Municipal Clerk at 490-4210, or Fax 490-4208.

Report Prepared by: David Hubley, P. Eng., Senior Design Engineer 490-6820

Approved by:


Gerry Boyd, P. Eng., Manager, Design and Construction Services, 490-4845

DH/bhs



PLAN SHOWING
ROCKWOOD HILLS DR.
AREA

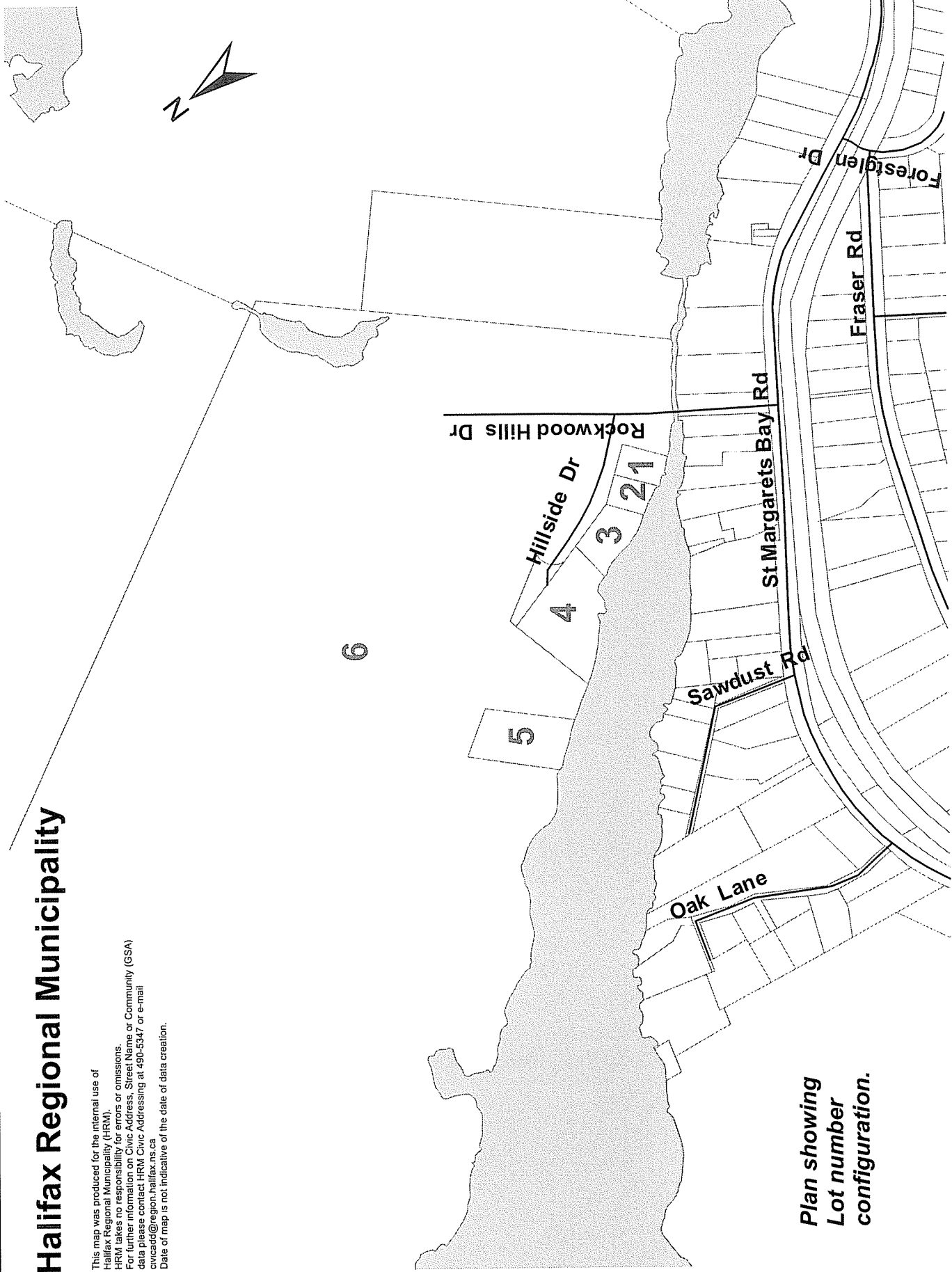
DATE: NOVEMBER 26, 2003

NTS

PLAN 1

Halifax Regional Municipality

This map was produced for the internal use of
Halifax Regional Municipality (HRM).
HRM takes no responsibility for errors or omissions.
For further information on Civic Address, Street Name or Community (GSA)
data please contact HRM Civic Addressing at 490-5347 or e-mail
civicadd@region.halifax.ns.ca
Date of map is not indicative of the date of data creation.



*Plan showing
Lot number
configuration.*