

2

INFRASTRUCTURE ASSUMPTIONS/TRANSFERS BOGART/PEARSON SEWAGE PUMPING STATION EAGLE/WATER/GORHAM STREET TOWN OF NEWMARKET

The Transportation and Works Committee recommends the adoption of the recommendations contained in the following report, August 24, 2005, from the Commissioner of Transportation and Works:

1. RECOMMENDATIONS

It is recommended that:

1. The Region assume the Bogart/Pearson Sewage Pumping Station from the Town of Newmarket with an additional annual operating cost of \$180,000, commencing with the 2006 budget.
2. The Region transfer Eagle/Water/Gorham Street (Y.R. 5) between Yonge Street (Y.R. 1) and Leslie Street (Y.R. 12) to the Town of Newmarket.
3. The Regional Solicitor prepare the necessary by-laws.
4. The Region advise the Town of Newmarket that the Bayview Sewage Pumping Station does not meet the criteria of a Regional facility.
5. The Regional Clerk forward this report to the Clerk of the Town of Newmarket.

2. PURPOSE

The purpose of this report is to recommend the assumption of the Bogart/Pearson Sewage Pumping Station (*see Attachment 1*) and the transfer of Eagle/Water/Gorham Street, and discuss the reasons for the recommendation.

3. BACKGROUND

On November 9, 2004, the Town of Newmarket Committee of the Whole adopted their Public Works report (*see Attachment 2*) requesting the Region to:

- Expedite the assumption of the Kirby Crescent Water Booster Station, and the transfer of the Bogarttown Curve.

- Continue the discussion with Town staff regarding the assumption of the Bogart/Pearson Sewage Pumping Station and the transfer of Eagle/Water/Gorham Street, so that upon completion of the Region's policy review for Regional jurisdiction of sewage pumping stations, the above infrastructure reversion could be completed in 2005.
- Reconsider the assumption of the Bayview Avenue Sewage Pumping Station as part of the Region's policy review for Regional jurisdiction of wastewater infrastructure.

In response to the above request, Regional Council passed a by-law on December 16, 2004, for the assumption of the Kirby Crescent Water Booster Station and the transfer of the Bogarttown Curve.

Regional staff has been in discussions with Town staff regarding the transfer of Eagle/Water/Gorham Street since 1995. Town staff has requested that the road reversion be dealt with at the same time as the Bogart/Pearson Sewage pumping station reversion.

4. ANALYSIS AND OPTIONS

4.1 Bogart/Pearson Sewage Pumping Station

On September 9, 1999, Regional Council passed a resolution in regard to the establishment of a Regional policy for determining the jurisdiction of wastewater infrastructure. The policy has separate criteria for infrastructure within the York Durham Sewer System (YDSS) service area and those outside the YDSS service area. For infrastructure within the YDSS service area, including the Town of Newmarket, the policy stipulates that for a sanitary sewer to be considered Regional, it must meet the following criteria:

- *Has a minimum diameter of 450 mm and a minimum length of 1 kilometre and is planned to provide servicing to a minimum population of 10,000, and preferably has no service connections (to private property) along its length; or*
- *Provides service to more than one local municipality.*

Although the criteria do not explicitly refer to pumping stations, the same principle based on a threshold service population of 10,000 could apply to pumping stations as well. In the past, pumping stations that discharge to the YDSS and service a population of 10,000 or more are suitable candidates for assumption. An example is the Pine Valley pumping station in the City of Vaughan.

The Bogart/Pearson pumping station is currently operated by the Region. The pumping station discharges to the YDSS and serves a population of approximately 11,000 persons, and therefore meets the existing criteria of a Regional infrastructure.

The Bayview Avenue pumping station, on the other hand, serves a population of approximately 4,800 persons, and does not meet the existing criteria of a Regional infrastructure.

Regional staff is reviewing the policy and is in the process of proposing an update of the policy. Work on the policy update has identified certain key infrastructure that forms part of the YDSS core sewage collection corridors as suitable candidates for Regional infrastructure. The Bogart/Pearson pumping station is one of them.

Based on the above, it is recommended that the Region assume the Bogart/Pearson pumping station. The Bayview Avenue pumping station should remain the jurisdiction of the Town, as both the existing policy and the anticipated policy update do not support assuming the facility.

4.2 Eagle/Water/Gorham Street

Eagle/Water/Gorham Street from Yonge Street to Leslie Street has been identified as a candidate road to be transferred to the Town of Newmarket. This road has not been identified in the Regional Official Plan as a future Regional road.

For several years now, discussions have taken place between Regional staff and staff at the Town of Newmarket on the potential transfer of Eagle/Water/Gorham Street. There were some deficiencies identified on Eagle/Water Gorham Street which have been dealt with over the past several years. All the conditions that the Town of Newmarket desired have been dealt with and it is now appropriate for Regional Council to pass a by-law authorizing the transfer of the road to the Town of Newmarket.

It has been agreed with Town of Newmarket staff that the transfer can proceed with an effective date of October 1, 2005.

Eagle/Water/Gorham Street forms a continuous road connecting Yonge Street to Leslie Street through the Town of Newmarket. It intersects with Main Street in Newmarket which is in the centre of the old village of Newmarket. The road performs more of a local function than a Regional function.

Eagle/Water/Gorham Street is not a major east-west link and does not perform a Regional function. It is recommended that Eagle/Water/Gorham Street be transferred to the Town as part the infrastructure reversion.

5. FINANCIAL IMPLICATIONS

The Region operates and maintains the Bogart/Pearson Pumping Station on behalf of the Town of Newmarket and fully recovers its cost from the Town. The projected annual operating and maintenance cost is approximately \$180,000. To support the proposed assumption, the additional funding requirement will be reflected in the proposed

2006 operating budget.

Estimated service life for a typical pumping station is 75 years. The Bogart/Pearson Pumping Station has been in service for 15 years. The replacement cost of the facility is approximately \$4.0 million.

Major upgrade to the pumping station within the next 10 years consists of installing new pumps to increase the pumping capacity, with an estimated cost of approximately \$400,000. Detailed scope and timing of the works will be determined by the next YDSS Master Plan Update scheduled for 2006.

A review of the water and wastewater rate is underway which will factor in the addition of this facility and the financial requirements of the reserve fund for its repair and replacement.

Based on an average cost of \$4,500/year for non-winter and \$18,000/year for winter, the annual operating cost of Eagle/Water/Gorham Street is approximately \$22,500.

6. LOCAL MUNICIPAL IMPACT

The proposed assumption of the Bogart/Pearson pumping station addresses the request from the Town of Newmarket Council. The proposed infrastructure reversion is an efficient way of sharing responsibility between the Town and the Region. The Region is currently operating the pumping station and by assuming the ownership from the Town, the Town could direct its resources to manage assets of a more local nature.

Town of Newmarket staff has been involved in the discussions for these transfers and is in agreement with the recommendations in this report.

7. CONCLUSION

It is recommended that the Region assume the Bogart/Pearson pumping station and transfer Eagle/Water/Gorham Street to the Town of Newmarket. The Region will work with local municipalities to finalize the policy update for Regional jurisdiction of water and wastewater infrastructure, and through the process identify other facilities for reversion.

The Senior Management Group has reviewed this report.

(The attachments referred to in this clause are attached to this report.)